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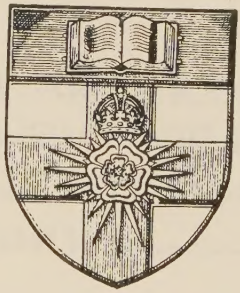

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THE

# SURVEYORS' INSTITUTION

*(Incorporated by Royal Charter)*,

12, GREAT GEORGE STREET, WESTMINSTER, S.W.

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PATRON:

HIS MAJESTY KING GEORGE V.

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# TRANSACTIONS.

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VOL. LVII.

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SESSION 1924-1925.

LONDON:

PUBLISHED AT THE INSTITUTION,

12, GREAT GEORGE STREET, WESTMINSTER, S.W. 1.

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# OFFICERS, 1924-1925.

## COUNCIL.

### President.

SIR EDWIN SAVILL, O.B.E. (London)

### Vice-Presidents.

JOHN DAVID WALLIS (Lancashire)
DENDY WATNEY (London)
HERBERT MANSFIELD COBB, C.B.E. (Kent)
ERNEST ALFRED RAWLENCE (Wiltshire)

### Members of Council.

CHARLES HERBERT BEDELLS (London)
JOHN EVANS BIDWELL (Cambs)
JOHN FRIENDSHIP BOWDEN (Devon)
FRANK JOHN BROWN (Herts)
GEORGE TURVILLE BROWN (London)
CHRISTOPHER CHART (Surrey)
EDWARD SAMUEL COX (Yorks)
ARTHUR GEORGE CROSS (London)
CHARLES DICKINSON (Ireland)
CHARLES GERALD EVE (London)
WILLIAM HAROLD EVE (London)
CHARLES BROWNING FISHER, C.B.E. (Leicestershire)
HARRY FRANKS (Ireland)
WILLIAM FRASER (Scotland)
CHARLES HENRY GOTT (Yorks)
WILLIAM TIMOTHY HALL (Salop)
FREDERICK HENRY APPLETON HARDCASTLE (London)
SIR EDGAR JOSIAH HARPER (London)
HENRY HARTLEY (Lancs)
STANLEY HICKS (London)
FRANK WILLIAM HUNT, C.V.O. (London)
BERNARD MARR JOHNSON (London)
WALTER LAWRANCE (London)
ERNEST HOLTHAM LEEDER (Glamorgan)
HENRY BURROUGHES NAPIER (Glos.)
REGINALD HENRY POWELL (Sussex)
JAMES AUGUSTINE RUTHERFORD (Berks)
HENRY EDWARD SHERWIN (London)
CHARLES JOHN HOWELL THOMAS (London)
PERCIVAL FOX TUCKETT (London)
HARRY JOHN CAMPION WINTERTON (Staffs)

### Professional Associates of Council.

CHRISTOPHER TURTILL FULCHER (London)
STANLEY VVYVIAN HICKS (London)
SYDNEY MAGER, C.B.E. (London)
JOHN MAUGHAN (Yorkshire)

### Associates of Council.

GEORGE MALLOWS FREEMAN, K.C.
SIR HARRY COURTHOPE MUNROE, K.C.

### Past-Presidents (*Ex-officio Members of Council*).

ARTHUR VERNON (Bucks)
SIR ALEXANDER ROSE STENNING (London)
LESLIE ROBERT VIGERS (London)
W. EDGAR HORNE (London)
THE HON. EDWARD GERALD STRUTT, C.H. (London and Essex)
JOHN HENRY HANSON (Yorks)
RT. HON. GEORGE FRANCIS STEWART (Ireland)
ARTHUR LYON RYDE (London)
SIR JOHN HUBERT OAKLEY (London)
JOHN WILLMOT (Warwickshire)
JOHN MCCLARE CLARK (Northumberland)
JAMES INGLIS DAVIDSON (Scotland)

### Honorary Secretary.

ARTHUR NORMAN GARRARD.

### Secretary.

ALEXANDER GODDARD, C.B.E.

## List of Standing Committees.

AGRICULTURAL.
BUILDING.
COUNCIL SELECTION.
COUNTY BRANCHES AND COUNTRY MEETINGS.
EDUCATION.
ELECTIONS.
FINANCE.
FORESTRY.
GENERAL PURPOSES.
LIBRARY AND SESSIONAL PAPERS
MINING.
PARLIAMENTARY.
PROFESSIONAL PRACTICE.
QUANTITY SURVEYORS.

## Past-Presidents.

1868 *John Clutton*
1870 *Richard Hall*
1872 *Edward Norton Clifton*
1874 *Thomas Huskinson*
1876 *Edmund James Smith*
1878 *William Sturge*
1880 *Edward Ryde*
1883 *Thomas Smith-Woolley*
1885 *Edward I'Anson*
1886 *William James Beadel, M.P.*
1888 *Elias Pitts Squarey*
1890 *Robert Collier Driver*
1892 *Charles John Shoppee*
1894 *Thomas Chatfeild Clarke*
1895 *Daniel Watney*
1897 *Christopher Oakley*
1898 *Robert Vigers*
1899 *Thomas Miller Rickman*
1900 *John Shaw*
1901 *Sir John F. L. Rolleston*
1902 ARTHUR VERNON
1903 *Albert Buck*
1904 *Herbert Thomas Steward*
1905 *Charles Bidwell*
1906 *George Langridge*
1907 *Thomas Taylor Wainwright*
1908 *Howard Martin*
1909 SIR ALEXANDER ROSE STENNING
1910 LESLIE ROBERT VIGERS
1911 W. EDGAR HORNE
1912 HON. EDWARD GERALD STRUTT
1913 *W. Edward Woolley*
1914 *Howard Chatfeild Clarke*
1915 JOHN HENRY HANSON
1916 GEORGE FRANCIS STEWART
1917 ARTHUR LYON RYDE
1918 SIR JOHN HUBERT OAKLEY
1919 *Andrew Young*
1920 JOHN WILLMOT
1921 *Joseph Henry Sabin*
1922 JOHN MCCLARE CLARK
1923 JAMES INGLIS DAVIDSON

(The names of those deceased are printed in italics.)

VOL. LVII. PART I.

# TRANSACTIONS

OF THE

# SURVEYORS' INSTITUTION

SESSION 1924-1925.

PAPER 485.

## THE OPENING ADDRESS.

By Sir Edwin Savill, O.B.E. (President).

*Read at the Ordinary General Meeting of The Surveyors' Institution, 10th November, 1924.*

### UNVEILING OF PORTRAITS.

The PRESIDENT before reading his Address announced that it was his privilege to unveil portraits that evening of two very notable men, the Right Hon. George F. Stewart and Mr. J. I. Davidson, who were the first Presidents of The Institution practising respectively in Ireland and Scotland. Mr. Stewart was the President during the war year 1916, while Mr. Davidson's year of office had only recently been completed. Sir Edwin Savill then unveiled the portraits, that of Mr. Stewart being by Mr. Leo Whelan, A.R.H.A., Dublin, and that of Mr. Davidson by Mr. David Alison, R.S.A.

Sir Edwin reminded members that Mr. Stewart occupied an outstanding position in Ireland, not only in his profes-

sion, but in public and social life. He was the Senior Moderator and Gold Medallist of Trinity College, a member of the University Senate, had been twice High Sheriff of the county of Leitrim, and was a director and governor of the Bank of Ireland. He was also a representative of the Southern Unionists on the Irish Convention which sat in 1917, under the chairmanship of Sir Horace Plunkett, in an endeavour to settle the differences between the opposing parties in Ireland after the outbreak of 1916. His public work in this and other directions had been recognised by the honour of a Privy Councillorship (Ireland), which was conferred upon him in 1921.

As a surveyor he occupied a leading position in his profession as senior partner in the firm of Messrs. J. R. Stewart & Sons, of Dublin, who were responsible for the management of the Kingstown and a number of other estates. He had been chairman for many years of the Irish Branch of The Institution, and his election to the Presidency in 1916 was recognised by all as a fitting consummation of a very distinguished career.

Mr. J. I. Davidson occupied a similar position in Scotland to that enjoyed by Mr. Stewart in the sister country. After completing his education at Edinburgh University and farming extensively in Midlothian, he had secured the confidence of all parties in his professional ability, and his services were called upon in connection not only with agricultural matters, but with practically every great public undertaking for which property was required throughout the country.

The Institution owed much to Mr. Davidson for his unwavering support in Scotland. He had been chairman of the Scottish Branch for ten years, and as President of The Institution in 1923 had journeyed many thousands of miles in attending the meetings of Committees and the Council in Great George Street. He felt sure that on passing the chair Mr. Davidson's interest in the work of The Institution would not cease, but that he would continue to give both to the Scottish Branch and to headquarters the advantage of his sound judgment and wide knowledge.

Mr. J. I. Davidson (Past-President) said that everyone would regret, and he personally especially regretted, the absence of Mr. Stewart from the meeting, for in respect of seniority of service he would doubtless have replied to the great compliment which had been paid them both by the President and by the Council and members of The Institution in having the portraits hung within the walls of The Institution beside those of so many eminent predecessors. Mr. Stewart, he had no doubt, would have spoken with that facility and felicity of expression which was always characteristic of his countrymen, and he hoped the members would excuse his halting utterance in Mr. Stewart's absence. He would desire, however, in a word—because the unveiling of the portraits was not the main object of the meeting—to thank the members for the high honour which had been conferred upon Mr. Stewart and himself by the presentation and the hanging of the portraits, which marked a period of service as President, in the case of the only Irish and Scottish Presidents who had yet served. As the President had said, it was no light duty, either for Mr. Stewart or for himself, to undertake. In Mr. Stewart's case that applied more particularly, for he had to cross the Irish Channel, but it also applied to a lesser extent in his own case, for he had had to travel the greater part of a thousand miles every time he attended a meeting. All the same, he appreciated the honour, and he knew that the Scottish Branch, of which he had had the privilege of being chairman for many years, also highly appreciated both it and the additional honour which had now been done him that evening on the unveiling of his portrait. Of its likeness it was, of course, rather difficult for him to speak, as one was not, perhaps, the best judge of one's own portrait. He remembered an eminent connection of his own in similar circumstances saying that, as far as he could see, it was not unlike the man he saw when he shaved. He was glad to understand that his portrait had received general approval; and he could certainly say that if the evidence of genius was an infinite capacity for taking pains, Mr. Alison certainly must be a genius, for he had

taken infinite trouble in the production of the portrait. He did not know that he was giving away any secret in saying that the portrait just unveiled was not the first or even the second edition, but the third which he had created, the first being very much more like Bismarck than himself in its expression, although it looked like the portrait of quite a distinguished man! Even the portrait now presented had been criticised as being rather severe in expression. When it was first decided to do him the honour he had just received, he had mentioned it to a Scottish farmer friend of a humble type, a very decent fellow in whom he had always taken an interest, and he had replied, "Well, ye'll just need to look like "while ye are getting it painted as if ye were getting a fee "ye didna expect!" The various editions of his portrait, which had ultimately evolved into that now hanging on the wall, meant a great many sittings, and it was rather difficult to be under the happy illusion that one had received such a fee throughout those protracted proceedings. There were bound to be occasional lapses which might reflect themselves upon the picture, such as the recollection of an argument with an unreasonable co-arbiter or coadjutor, or perhaps disapproval of the poetic instead of the philosophic evidence that a scientific witness might evolve—all of which might emerge on the canvas. Still, he could say that all his associations with The Surveyors' Institution had been of the happiest.

He had obtained from Mr. Alison a replica of the portrait which would hang in his own house, and which during his lifetime would recall most pleasant and happy associations of The Institution and all that it stood for, and which, he had no doubt, would be cherished and regarded by those who came after him. In conclusion he would only repeat his sincere thanks for the very high honour which had been conferred upon him, and wish The Institution, of which he had also had the honour of being President during the year which had passed, every possible prosperity.

The PRESIDENT then read his Opening Address as follows:—

## THE OPENING ADDRESS.

It is exactly thirty-eight years since I entered my father's office at No. 3, St. Helen's Place, and at that time it would have been the wildest romancer or a man gifted with second sight who would have prophesied that I should one day become the President of The Surveyors' Institution. It is an honour for which you are responsible and for which I am deeply indebted to you. It is said that small beginnings make big endings, and if anyone made a small beginning it was I; for the encouragement of the young, I would say that I fear I did little work at school, and that I left at the early age of seventeen because it was thought to be useless to keep me there any longer. The only prize I ever won was for divinity. I went into my father's office because at that time the preliminary examination for the Surveyors' Institution being elementary, it was thought I might possibly succeed in entering a profession for which I had some slight qualifications. It was a decision which I have never for one moment regretted. In no other profession could one possibly have found more congenial associates, nor more loyal friends, and I am proud to belong to it.

Each year, as President succeeds President, it becomes increasingly difficult to select a subject upon which to address the members at the opening meeting of the Session; in fact I had almost given it up in despair until, having quite recently spent five weeks on the sea with people whose interests were divided between affairs connected with the west coast of Africa, and the daily sweep on the run of the ship, I tried to bring the conversation round to subjects dealing with my own particular walk of life, and being asked by them "What is a surveyor?" I thought that I would sit down and endeavour to solve the mystery.

The Surveyors' Institution was established in a year which to me was of the greatest importance, and which no

doubt had considerable influence upon my future, for on the 4th November in that year I was born.

By reference to our Charter we find that The Institution of Surveyors was established for the following objects :—

(*a*) To secure the advancement and to facilitate the acquisition of that knowledge which constitutes the profession of a surveyor, namely, the art of determining the value of all descriptions of landed and house property and of the various interests therein, the practice of managing and developing estates, and the science of admeasuring and delineating the physical features of the earth.

(*b*) To promote the general interests of the profession and to maintain and extend its usefulness for the public advantage.

In 1882 it was deemed advisable that the surveyor, besides acquiring the science of measuring and delineating the physical features of the earth, should go a little beyond mere nature and understand the science of measuring and estimating artificers' work. This latter addition became the more necessary when The Surveyors' Institution and the Quantity Surveyors' Association became amalgamated, and in a supplemental Charter, dated 24th October, 1921, a further addition was made to the knowledge which it was thought well a surveyor should possess, and the word "mineral" was inserted between "land" and "house "property."

I am quite certain that anyone reading the foregoing definition would be left in a very ignorant condition as to the work which a surveyor may be called upon to do, but some idea of the problems which face a surveyor may be gathered from the syllabus of our examinations, in which it will be found that an attempt is made to divide the subjects under four main heads, viz., Land Agency, Valuation, Building and Quantities, and Mining. The following are the

subjects a knowledge of which has to be acquired for the purpose of examinations under one or other of the divisions :—

Surveying, Levelling, and Trigonometry.
Book-keeping.
Law of Landlord and Tenant.
Agriculture.
Construction and arrangement of Farm Homesteads.
Land Drainage.
Forestry, Timber Valuing and Measuring.
Geology and Composition of Soils.
Agricultural Chemistry.
Local Taxation.
Imperial Taxation.
Agricultural Botany.
Agricultural Valuation.
Law of Arbitration.
Agricultural Law.
Mensuration.
Law of Fixtures.
Law of Dilapidations.
Law of Easements and Riparian Rights.
Application and use of Valuation Tables.
Copyhold Tenure and Enfranchisement.
Drainage and Sanitation.
Development of Building Estates.
Acts for Compulsory Purchase of Property.
Law of Vendors and Purchasers.
Bills of Quantities.
Constructive and Working Drawings.
House Drainage and Plumbers' Work.
Composition and Properties of Building Materials.
Heating and Ventilation.
London Building Acts.
Public Health Acts and Local Government Acts.
Iron and Timber Roofs.
Specifications of Buildings.
Principles of Mine Surveying.

Acts and Orders for the Regulation of Mines.
Common Law as to Ownership of Minerals and Rights of Support.
Mine Rents and Royalties.
Support and Subsidence.
Advance Surface and Mine Surveying
Valuation of Mineral Properties and the Damage caused by Mining Operations.
Leases, Covenants, Assignments, &c.
Law of Mines and Minerals.

The grouping of subjects would appear to assist the young surveyor in choosing the branch of the profession he wishes to take up, and, by the study requisite to secure a pass in the examination, to make him as proficient as possible in them. But he is very much mistaken if he thinks that having obtained some knowledge of his particular branch he can ignore the other branches. Our profession cannot be put into watertight compartments—there is continual overlapping. For instance, the country land agent may be appointed to an estate upon which there is certain land having prospective building value and also land under which are valuable minerals, while, on the other hand, the urban man may find that he is called upon to advise on the purchase of a market garden or to measure up and value a wood for the purpose of the sale of an estate.

I now propose for the benefit of the public and perhaps of some of our younger members to give an outline of the work which comes into an ordinary office in the course of a year, and I have set it out so as to emphasise its diversity. It must be remembered that when we are consulted by a client it is useless for us to say, as the members of another learned profession are able to do, "I think this is a matter "upon which counsel should be consulted," because in our profession there are no counsel, and we have to rely upon our own knowledge and that of those who are associated with us in our offices.

I feel that after a perusal of the work which an ordinary individual is asked to advise upon, two remarks will be

made, "What an interesting profession yours must be," and "However do you know it all?" In reply to the first I should say it is the most delightful and interesting profession existing. The answer to the second is short and obvious, and I will leave it to your imagination.

In the course of a year a surveyor in general practice may have the following problems to solve :—

(1) An area of land taken by the Government for the purpose of a poison gas experimental ground :— What is the value of the land taken, and what is the consequential damage to the residence and estate owing to the proximity of bursting shells containing mustard gas ?

(2) Land with a depth of 10 feet taken to widen the High Street in a country town :—What is the value of the land taken, and what is the damage to the shop, building, and business ?

(3) The supervision of the erection of an office building in the City of London covering an area of 5,000 feet ;

(4) The supervision of the erection of a cowshed in Hampshire ;

(5) The valuation for death duties of a London estate of over 1,000 houses, entailing the valuation of freeholds in possession, and calculating reversions over periods from two to sixty years ;

(6) The valuation and sale of furniture in a suburban house :

(7) To give an approximate estimate, to be completed in two days, of the cost of acquiring for a public undertaking 200 acres of land in a commercial centre, much of it occupied by factories and other industrial concerns ;

(8) To assess the value of an easement for a sewer

through a commercial estate in an urban district, and the consequential damage caused by partial severance;

(9) The lotting and sale of a country estate of 5,000 acres, with the necessary valuation for fixing reserves;

(10) To assess the rental of a warehouse in the docks area;

(11) To assess the value of land to be acquired by a public authority for road-making purposes in an agricultural district, and the settlement of the necessary accommodation works;

(12) To prepare an agreement for letting a farm in Cheshire;

(13) To assess the value of the waiving of a restriction prohibiting building on a commercial piece of land at the date of the purchase twenty years ago;

(14) To assess the value of the licensing restrictions on a suburban estate;

(15) To assess the compensation to be paid on the compulsory acquisition for power generation of well-known waterfalls;

(16) To assess the compensation payable for damage to light and air by the erection of a factory adjoining a suburban cottage;

(17) The reinstatement of an agricultural property after occupation by the War Office for military purposes;

(18) The preparation and checking of an inventory for a furnished letting;

and so on.

As I have already said, the answer to the observation "What a lot to know" is short and obvious, but if it will

not be considered presumptive on my part, I would like to put before the younger members of The Institution a few hints and suggestions which may be useful to them.

How is this knowledge to be acquired?

In every large office there are specialists—men who have devoted the whole of their time and energies to one subject, and who have become experts in their particular line, and I think the young man should ask himself "Shall I become a "specialist, and, if so, in what subject, or shall I generalise "and become as proficient as I am able in several?" The answer to those questions must depend upon many things. If a man is succeeding to an established business he should obtain as intimate a knowledge as he can on the greatest variety of subjects. If the business to which he is succeeding is a specialised business, such as rating or quantity surveying, he must of necessity pay particular attention to those subjects; but even in that case the more diverse his knowledge the more capable he is of handling the many problems involved, and he will certainly find the work far more interesting and his opportunities for advancement largely increased.

The less fortunate man who has no business to which to succeed is a more difficult case, and he can arrive at a decision only after the most careful consideration. If he has a bent in any particular direction he should certainly become a specialist, for if he succeeds in acquiring a true knowledge of his subject he is never likely to find any difficulty in obtaining a post, and it should be remembered that a man who is a real expert in his particular line can command a salary which the man in a similar position cannot hope to obtain with a general knowledge only.

But, it will be asked, must a man to be successful take up a single subject and limit his activities to that subject for the whole of his life? By no means, if he is really proficient in one particular line he will be able to obtain a post in a firm with a general practice in which he will have an opportunity of gaining a varied experience in any of the subjects which take his fancy, many of which he will have met with when studying for his examinations.

It should be remembered that in all business there is no holding back the man of ability who has determined to get on, and I think this applies to our business more than most, for the reason that it is so complicated and diversified that any man who comes within a measurable distance of mastering its ramifications must come to the top.

The young man may ask "How is it possible to acquire "even a general knowledge of the many matters which you "have mentioned?" There are certain elementary principles which I hope you will forgive me for mentioning, but one finds that very often a man who has obtained a certain knowledge, and wishes to pass that knowledge on, leaves out the things which he thinks everybody knows, and which are in reality the essentials in the acquisition of that knowledge.

The young man having decided to become a surveyor, enters a firm as office boy, or in some other capacity a little less gummy, and is given his job, and if he gets to the office at half-past nine and leaves at six, having taken an hour for lunch and perhaps a quarter of an hour for tea and the cricket and betting news, and has done his job efficiently, he will, no doubt, have satisfied his employer, and, if he has no ambition, will have satisfied himself. On the other hand, if he is ambitious, perhaps the most important work to be carried out for the first few months is making friends with all his fellow-clerks, and doing for them any little jobs that come along, for, if he is wise, he will realise that it is only from his fellows that he can learn. If he is in a large office he will find that the clerks possess amongst themselves most of the knowledge which enables the business to be carried on, and if they know that he is always willing to render them assistance when they are very busy, or even only very lazy, he will realise that he is rapidly picking up knowledge which, if he merely sticks to his own job, he would never acquire in a lifetime.

In this connection there are two pieces of advice I would like to give: Firstly, don't be frightened of asking questions, however silly they may turn out to be and however much they may display your ignorance. Later the time will come when it is advisable to ask sensible questions

only—questions which display your knowledge and not your ignorance; but when that time comes your opportunities for picking up odd bits of information are far more limited. Therefore, ask your questions, register the answers firmly in your memory, and don't ask the same question twice.

The second piece of advice I would give you is, guess—on all and every occasion, guess. The principal work of a surveyor is to form estimates—at least, as we grow older we like to call them estimates—and the more we guess when we are young the better will be our guesses or estimates when we are older. When you are young, if your guesses are to be of value to you, you must be in a position to check the accuracy of your calculations. When you are older your estimate is very often checked for you, sometimes with unhappy results.

You will, no doubt, if you have made friends with your associates, be taken out to assist in various classes of work. Say it is a case of dilapidations. You should make an opportunity of running through the building before you start work, and put down on paper the amount which you consider the dilapidations will come to, and when the measurements are taken, and the figures worked out, you will be able to check your own private figure. In a comparatively short time, if you keep in touch with the fluctuation of prices, you will be able to put down a figure which will correspond very closely with the result of the actual survey. You may be told to prepare particulars of sale of a town house, a country estate, an area of building land. In each case do not be content with just doing the work in hand, but at the same time form your own opinion as to its value. In valuing timber, estimate the contents of each tree before it is measured, and, if you have the opportunity, walk through a wood and estimate the value per acre and check it when the valuation is complete. The same applies to nearly everything we do. If a valuation is to be made of any kind of property, put down your own figure after seeing the property. If you carry out this simple plan on every possible occasion, in after years, when asked "How much "will it cost to clean this field? How much must I spend

" to put this house in a thorough state of repair ? "—and the hundred and one questions which all of us are expected to answer with approximate accuracy at a moment's notice—you will be able to supply answers which will not disgrace you, but which, when checked with estimates which are afterwards obtained, or with the actual cost of the works, will prove that you are capable and that your judgment can be relied upon.

Always, if it is in any way possible, see a job through. How often do we see a man who is told to do part of a job for which he has a special knowledge hand over his work when he has completed it, and never give a thought to the ultimate result. Such a man learns nothing, he has done the work which he knows and that is enough for him; he is not going to be bothered with someone else's job. Why should he ? He has quite enough to do as it is. But the man who is determined to succeed—and it is only by determination that one can succeed (I should like to emphasise that as much as possible)—will find out the history of the whole job, and will, from time to time, enquire of his friend in the office, " How is so and so going on; is it settled yet ? " and if he is a decent fellow, as I must assume he is, he will be told all particulars and will have obtained an insight into work which is outside his actual sphere. In time what happens ? The principal wants to see the man in charge of the job; he is away, but the matter is urgent, and on enquiring he is told that there is someone in who knows something about it, and our friend is called in and is able to bring his employer's knowledge up to date with results to himself which may be far-reaching.

There are two types of men who succeed in our profession, and I don't think our profession differs from others in that respect. The man who has a thorough knowledge of his business and whose success depends upon that knowledge, and the man who has less knowledge but who has manner which endears him to those whom he meets. Of course the man who has great knowledge and a good manner too will outstrip everybody, but we know that a good manner will carry a man through in spite of the fact

that his knowledge is more limited. "Oh, I know Jinks is "not a clever fellow, but he's a jolly nice chap to meet and "he suits me" is a remark that I have heard more than once.

I remember when I was young being sent by my father to see a great man in our profession, who shall be nameless, and whom I had never seen before I went into his outer office and said, "Is Mr. Jinks in?" At that moment a very tall man came out of an inner room and said, "What do you "want?" I replied, "I was asking if Mr. Jinks was in, "Sir." He looked at me and said, "Do you always talk to "people in their offices with your hat on?"

It was a little hard because it was the custom then, as now, not to remove one's hat in an outer office; but it did me good, and, although I resented it at the time, I am grateful to him now.

Manner or manners is a very difficult subject, and while it does no good to be subservient, but very much the reverse, to show a due respect to those placed in authority over us and to those older men we have to meet is very proper and right.

Some people appear to be under the impression that to show respect to anybody reflects upon their own position, whereas the reverse is the case. It is the man who has no discrimination, and who fails in those small courtesies and deferences, who depreciates his value in the minds of others, and possibly in his own too. One thing is certain, that of two men with equal brains, with an equal start and with equal opportunities, one having a good manner and the other none at all, the first will leave the other standing still, and succeed where the other fails.

I do not propose to touch upon the technical education of the student; it is all carefully provided for, and very pleasant examination papers are set in order to give you the satisfaction of showing how much you have benefited by the care that has been bestowed upon you in your course of studies. I think there are limits to the numbers which a profession can absorb, and possibly that limit has been nearly reached in our case.

The standard of examination has a tendency to raise itself automatically, and I should not advise the deliberate raising of the standard further. The examinations are quite stiff enough already, and how I and some of my friends sitting around me were able to pass them will for ever remain a mystery to me. I am quite sure that if they had been any more difficult in my day, my name would never have appeared on the board behind me in the list of the Presidents of The Surveyors' Institution. I think an undue raising of the standard would have the effect of keeping out many of the very men we want in; the men with an ordinary brain and a large amount of common-sense.

The Institution was established for the benefit of the profession, and it is the duty of the Council to bear that fact in mind. Some of us, I think, interest ourselves so much in the work of The Institution that we are inclined to act, and perhaps almost to think, as if the profession was carried on in the interest of The Institution. Like the bricklayer we must look after ourselves, and I think that the time must come when the Council will have to consider whether steps should not be taken to ensure that after a certain number of years no one should enter for our examination unless he has been articled for a term of three years to a firm approved by the Council.

To a candidate who has passed all the examinations which, under four categories, viz., land agency, valuations, building, and mining, comprise no less than forty-three subjects, it is a little disappointing to find that, with the qualifications which he has so arduously obtained, he is in competition with others having no qualifications at all. There is nothing to prevent anyone calling himself a surveyor; he is merely debarred from calling himself a chartered surveyor or using the letters F.S.I., denoting Fellow of The Surveyors' Institution, or P.A.S.I., Professional Associate. We have all come across cases where the designation "surveyor" is in combination with the most diverse trades. I remember when I was young and irresponsible coming across the delightful mixture of "Surveyor and Stay-Maker," and entertaining the Junior Members at their annual dinner, when proposing the toast

of "The Surveyors' Institution" with an account of the dangers and difficulties which might beset the possible client. "Surveyor and Undertaker" and "Surveyor and "Builder" are common. As you know, under one of our bye-laws it is laid down that a "member shall not engage "in or be connected with any occupation which, in the "opinion of the Council, is inconsistent with the profession "of a surveyor," so while members of The Institution may not be stay-makers, undertakers, or builders, those engaged in any of those honourable trades may call themselves surveyors with impunity.

If you refer to the subjects in which we have to pass examinations, and also the list of various classes of work that come to a surveyor's office (mentioned on pages 9 and 10), you will realise that our work is of a most responsible nature.

There is, perhaps, no profession which touches at so many points the interests of the public, both individual and collective, as that of the surveyor. The health of both town and country dwellers depends largely on their scientific knowledge of and regard for sanitation, lay-out, sewage disposal, water supply, and management of house property. Indeed, attention to these matters by well-qualified persons has been responsible for a reduction in the death rate to a degree almost equal to that attributable to medical knowledge and research. Upon their careful and experienced management of country estates the economic production of home-grown food and timber largely depends. The good relationship between owners and occupiers of all classes of property also depends to a great extent on the tact, capacity and foresight of the agent in charge; and, also, the financial success or otherwise of the many and various transactions to which both urban and rural property are subject, and on which the well-being of both owners and occupiers so largely hangs.

Those of you who have had an opportunity of seeing the difference between an estate, whether urban or rural, managed by a qualified person and one managed by an unqualified person will have no hesitation in saying that the happiness and welfare of millions of people depend to a

large extent upon the qualifications which we are at such pains to acquire.

Economic building, with which the possibility of letting houses and other premises at reasonable rents is intimately connected, depends to a large extent on the surveyor in respect of accurate and readily understood quantities, experienced supervision of the work in course of erection, and care and knowledge in dealing with builders' accounts on completion.

Finally, the security for mortgages, where trust money and shareholders' moneys are largely involved, depends upon the experience and foresight of the surveyor responsible for the valuation.

Our responsibility very rarely ends when we have satisfied our clients, for much of our work affects the whole community. A man may keep in perfect health and avoid a doctor, he may have perfect teeth and avoid a dentist, if he is extremely careful he may avoid the legal profession and the parson, but if he realised to what an extent his material welfare is dependent upon the work of surveyors he would see to it that none but qualified persons were employed.

It is almost impossible to believe that the man who sells you your paper in the morning can undertake to do any of the work which I have mentioned.

It may be said "But why should anyone employ unqualified people?" The answer is that they do. The reply may be "More fools they; they deserve all they get." That may be so, but the most elaborate laws are provided for the protection of fools in this country. The object of the Medical Act, 1858, as defined in its preamble was "to enable persons requiring medical aid to distinguish qualified from unqualified practitioners." Even the practice upon the public of the three-card trick or the confidence trick is beset with every sort of legal danger including heavy penalties and, I believe, imprisonment. But the man who, calling himself a surveyor, and having no recognised qualification whatever, obtains the confidence of a member of the public with unfortunate results to that person, and perhaps also to the

community, may get off scot free and immediately set about looking for another victim.

The public will always be led away by charlatans even when every precaution has been taken by those who make our laws to prevent it, and therefore it is not difficult to understand that, when no precaution is taken, the charlatan has an open field of which he is not shy to take advantage.

I look forward with confidence to this state of things being altered in the near future, and I do so with the more confidence because the Government, which is always supposed to know a thing or two, takes care that its departments employ no one to undertake the duties of a surveyor who is not qualified to become a member of one of the Institutions. And as Government departments spend public money they are to that extent protecting the public.

Surveyors for the last fifty-five years have been doing their best to improve their efficiency by careful and arduous study, with the object of safeguarding the interests of the public and promoting the general interests of the profession. It was for these particular purposes that our fathers formed The Institution, and I think the time has now come when the vast efforts that they have made should be recognised, and that it should not be possible for men who have no recognised qualifications to compete with those who have spent years of their lives and considerable sums of money in the endeavour to render themselves fit to carry out the public and professional duties which are likely to fall upon them.

Members of The Institution have gained vast experience and knowledge on all subjects connected with land and landed interests, which experience has been of considerable service on numerous occasions to the Government of the day. Of this we are justly pleased and proud. No man worth his salt looks for any remuneration or other return for work he does voluntarily; but, nevertheless, he is a very delighted man if his efforts are recognised, and it would be a gracious act on the part of those Government departments which utilise our knowledge if they could see their way to forward our efforts in the task of obtaining the Bill I am about to mention.

In 1922 I was appointed chairman of a Joint Committee of The Surveyors' Institution, the Auctioneers' Institute, and the Land Agents' Society, for the purpose of preparing a Bill for the registration of those practising in any of the three professions. The Bill has been most carefully drafted under the best advice, and, as is usual in such cases, it protects all those who, whether tinker, tailor, cowboy, or thief, are practising or carrying out work for which we in the three societies specially qualify. They would all have the right to register without examination, so that no one who is now earning his living by work similar to ours would suffer in the smallest degree. Two years after the Bill became an Act, however, no one would be able to register who had not qualified by the passing of an examination approved by a board representative of the profession and of the Government departments concerned. They would in no way be compelled to join one of the promoting societies.

To me there appears to be no hardship in this. We are suggesting that all those who are now practising shall continue to practise, but that in the future others who intend to practise shall first render themselves qualified to do so.

One would have thought that such a proposal would have met with the hearty approval of kindred professions and of others who realise the present position. I am sorry to say this is not so. The Bill is meeting with considerable opposition, the most strenuous coming from an unexpected source, namely, the legal profession. This is the more difficult to understand as special provision is made in the Bill to allow members of the legal profession, architects, engineers, and other professional men possessing recognised qualifications, to continue to carry out any duties in which they have at present the right to engage, without that right being removed or restricted by the proposals contained in the Bill.

A Bill like ours can be successful only if it is made popular by reasoned argument and propaganda. It is in the interests of the public that the Bill should be passed, and, as your President, I ask every one of the 6,000 members of The Institution to do their utmost to bring its

fairness and its advantages before the public and before their Members of Parliament (we cover the whole country), and to use all their weight in persuading those with whom they have influence to help it on in every possible way.

It is to be hoped that the Government departments with whom we mostly come in contact will give us their support.

We recognise that legislation is not easy to secure under existing conditions, and some considerable time may possibly elapse before our aims are secured. The time, however, must largely depend upon the profession itself, and the manner in which its members are able to influence the public to understand how intimately their interests are concerned.

There is just one other subject I should like to touch upon, a subject which has always been very near my heart.

There are many matters of national concern upon which the accumulated knowledge of the profession might be of real value to the Government of the day, whatever their label. As I have already stated, The Institution has in the past been consulted on practical questions affecting land and property, an honour we have appreciated, and in these cases we have concentrated the whole of our experience and technical knowledge in giving our best and soundest advice without ulterior motive of any kind. I would venture to suggest that advantage might be taken of this store of available knowledge even more frequently than has been the case in the past. Instances will occur to us all in which reforms have been enacted that have proved prejudicial to the very people they were designed to benefit, and which, with a clearer knowledge of the subject, might not have been passed into law, or which might have had the bad eliminated from the good.

Under its Charter The Institution is concerned to help the public, and I think that every one of our members is ready and willing to give his best services for this purpose to the Government. Proposals for the assistance of agriculture, housing reform, removal of differences between owners and tenants, &c., are advanced on every Parliamentary plat-

form, and if only those responsible for them would appreciate the willingness of the profession to bring the whole of their technical experience to bear on these important questions, and to advise in every possible way, more useful and practical results might be attained.

Before I conclude I would like to express my appreciation and indebtedness—which, I am sure, is shared by every member of The Institution—to Mr. Alexander Goddard and his staff for their share in the work of building up this great Institution, and also for their unfailing help so generously given at all times and in all circumstances. We are indeed lucky to have as Secretary one so capable and kindly, to whom we can all go in times of trouble with perfect confidence that we shall find sympathy, encouragement, and wise advice.

The Hon. E. G. Strutt (Past-President), in proposing a vote of thanks to the President for his Address, said he esteemed it a great honour and pleasure to be entrusted with the congenial task of proposing the vote. He had known the President for very many years, probably far longer than most members of The Institution, and the fact that both the President and he had been born in the same county was probably the reason why his name had been suggested for the purpose. He had also had the great advantage and privilege of knowing the President's distinguished father, whose friendship he much valued; and there was no man who had ever served in the profession who was better endowed with the qualities that make the ideal surveyor.

He felt proud to congratuate the President upon the Address he had given that evening, the subject of which so intimately concerned all the members of The Institution, and also upon the attractive and instructive way in which he had made the subject, which was really rather dry in itself, most interesting and amusing. It required great gifts to make a subject which was dry amusing and pleasant to the hearers and to the readers, and the President had clearly succeeded in doing that. He also congratulated the Presi-

dent upon the very large attendance at the meeting—he thought the largest he had ever seen, and also upon the large number of new members who had been presented and upon whose capabilities The Institution would depend in the future. He was glad to see that there were many who came from the county in which the President originally started; and he supposed that the reason the county of Essex had produced so many was that they had seen his great success in life, and wish to follow in his steps.

In his opinion it was quite time that The Institution should have some authoritative ruling as to the qualifications which surveyors ought to possess in view of the multifarious duties which the members of the profession had to fulfil. He was glad to hear that there were very many members of the profession who knew, and were intimately acquainted with, the forty-three subjects which the President had mentioned. Personally he was afraid he could not claim to be one of that number.

Sir Edwin had given very happy advice to the younger members of The Institution. It was, perhaps, not so well known as it ought to be, but it should be well known, that if anyone wished to reach the top of his profession he had to be more than just an average good worker. They had got to give their minds to it, to think that it was the one thing that really mattered, and that their work was the most important thing in their life; surely, after all, there was nothing so joyous, and no gift given to humanity so great, as the gift of being able to work.

He had noticed that Sir Edwin had mentioned especially the advantages of a good manner. He supposed it was difficult always to cultivate that, but he did believe that people could cultivate tact, and tact, as a rule, really came from kindness of feeling to one's fellow-creatures. If a young man could bring tact and good fellowship into his daily life among those he met, he would find that his success would be greater than if he neglected that important side of his life's work. That was not, of course, an adequate reason for cultivating kindliness; the real reason was the friendship and good feeling which it brought into one's life.

He thought he might say that the profession of a surveyor was particularly well endowed with opportunities for the exercise of those particular qualities. He had always met the greatest kindness and help from every member of the profession. They all seemed to wish to help each other.

He had also observed with pleasure that the President had mentioned the importance of the work which the members of the profession and the Council might do in helping the Government of the country in settling those matters of which the profession had special knowledge. Of late years it had been quite usual for the Government to consult members of The Institution more than in the past, but he agreed with the President that much more could be usefully done in this direction. He believed that the vast knowledge and information which was stored up amongst the members of the profession should be used by the Government before they embarked on legislation which dealt with the subjects with which they were concerned. It was not only that the Council and Committees of The Institution gave good advice to the Government; he thought that the individual members were consulted more than they had previously been. He knew that the President had been much consulted, and that a great many members had served on Committees that had done most useful work for the country. That showed, he thought, that the profession was rightly and highly esteemed for the public services it ungrudgingly gave. If the profession went on giving the same wise and impartial advice, not taking too narrow a view of its clients' or its own interests, it would continue to grow in importance and influence.

The President had urged the members especially to consider the question of registration, which he considered of great importance to the members of The Institution, and he knew no one who could press that forward so well, so ably, and who had such gifts for that purpose as Sir Edwin Savill. He believed that in his year of presidency Sir Edwin, with his great gifts of driving power, industry, and eloquence, would perhaps be able to carry the policy through.

Sir Howard Frank, Bart., K.C.B., G.B.E. (Fellow), said it was with the greatest pleasure that he rose to second the vote of thanks. He had known the President for a long time, and he had always admired him because of his independence and courage. He had never been afraid to say what he thought. In these days, as a rule—at any rate in political life—it seemed to be diplomacy that counted. He ventured to think that in their own profession it was the straightforward business man, who said what he felt and believed, who was most likely to succeed. That man was Edwin Savill, and The Institution was to be congratulated upon having him as President. He ventured to say that Sir Edwin would prove a worthy successor to those illustrious names which appeared on the panel above the presidential chair.

He had read the Address with great interest, and he had been amazed to see, when set out at length, how multitudinous were the duties which a surveyor had to perform. Provided, however, the young surveyor had in the first instance a thorough practical training, those duties would more or less come naturally to him in the course of his professional life. If that was so, it was manner and personality which made for success.

He had been very interested in the portion of the Address which referred to the work done by The Institution in connection with Government departments. Mr. Strutt had said that years ago possibly the Government did not consult The Institution as much as it had done in recent years. He agreed that that was so, and he thought there was a reason for it. He believed that the Government departments, and, indeed, the public to some extent, considered that The Institution of necessity represented landlords more than they did tenants. Even if that were so, no Government department, nor anyone else, could deny that The Institution had in every case, in the advice it had given to the public and to Government departments, shown its absolute impartiality. He believed that, as a matter of fact, the profession represented tenants more than it did landlords. That was certainly the case in the country.

He agreed with the President as regards the Registration Bill. He would like to see six thousand members supporting the Registration Bill. He saw it was stated in the President's Address that the solicitors did not support it. He confessed he did not know the reason. He could not think of any body of men who ought to support the Registration Bill more than the lawyers. They had been very careful, and rightly so, to protect their own profession. Surely the least the surveyors, in their profession, could expect was that the men who had gone through their examinations, who were qualified to carry on the business in a proper way, should be protected against those totally unqualified persons who posed as competent surveyors and estate agents, and he did hope that everyone in The Institution would support the President in his efforts to get the Bill through.

He desired to say only one other word, and that related to the Secretary. He (Sir Howard) was not one who was accustomed to speak at the meetings of The Institution, and he had never before had an opportunity of expressing what he had often felt, namely, the help which had been given by Mr. Goddard and the staff to The Institution. He knew of no man with greater tact, he knew of no man who could manage a Council of the size The Institution had at the present time, who could compare with Mr. Goddard. It was a very difficult job, because members of the profession were not always easy to handle. Mr. Goddard, if he might say so, had shown extraordinary tact and ability; indeed, he had always done well. He had been a credit to The Institution, he had been a help to the public, and he would venture to say he had done a great deal to assist the Government of the day, whichever party happened to be in.

He had great pleasure in seconding the vote of thanks.

Mr. S. Vyyvian Hicks (Professional Associate Member of Council), in supporting the vote of thanks, said that unusual though it might be for a junior member to be heard on the occasion of the Presidential Address, he felt sure it

would be agreed that there was some justification for a junior member, at all events, expressing the appreciation of the Address given by Sir Edwin Savill—which was, in the first place, directed to the junior members, though, possibly, to some of the senior members as well—because he felt certain that that Address would go down as something quite different from the rest. It would be stored in most offices, and many senior members, feeling as Sir Edwin Savill did, but perhaps not able to describe the duties quite so well, would show it to new students in their offices. There was one bit of advice which he, as a junior member, might give to the senior members, namely, not to show him the list of examination papers, as set out by Sir Edwin, until they had had the young man some time in the office. In the excellent and thoughtful Address which Sir Edwin had given, he would rather like to say that he had made two omissions. Sir Edwin was always one of the first to be on the "spot," and he felt that it would be moving with the times if the President had depicted himself receiving the prize for divinity with the aid of the lantern slide; and if he had had conveyed by wireless what he had said when he left Mr. Jinks's office, everyone would have been very amused.

It was not for a junior member to find fault with any comment in the Paper, but there was one point upon which he would ask leave to correct Sir Edwin. On page 8 he said something to the effect that there were no "counsel" in the profession; but to the junior members, and especially the new members of the profession, he would respectfully suggest that was not quite so. In their profession, and in The Institution in particular, there were many—in fact most, though not all—of the senior members only too willing to help a junior member in any matter which he liked to refer to them; and he was quite certain that if the junior members did go to a senior they would seldom be met with a deaf ear.

He might mention one of the earliest bits of advice he had had from the late Mr. Daniel Watney, who was one of the forefathers of The Institution. He had been out with Mr. Daniel Watney one morning, and it was getting near

luncheon time, and Mr. Watney had said to him, "Well, "young Hicks, let me give you a little piece of advice that "was once given to me: Hear, see, and say nothing; eat, "drink, and pay nothing!" He had wondered how the second part could be carried out; but Mr. Watney had showed him that a little later.

In conclusion he wished to repeat that, so far as the junior members were concerned, he doubted very much if there was any Institution where now the younger members were encouraged to the same extent as in the surveyors' profession. He believed that The Surveyors' Institution was certainly an Institution where it was realised that junior members of to-day would be the senior members of to-morrow. They were encouraged in every possible way, and it did not matter whether it was on the social side or in connection with the Junior Meetings, they were always sure to get the very readiest support, and on that more particularly he would like to express his quota of thanks to Sir Edwin Savill for his Paper, and particularly on account of his great keenness and kindness to the Junior Meetings. The junior members might rightly say that he was copying the example of those who had gone before him; and he was certain that in the future those who held his office would have an even greater example to copy.

The vote of thanks was carried by acclamation.

The PRESIDENT, in reply, thanked Mr. Strutt, Sir Howard Frank and Mr. Hicks for their kind remarks, and expressed his gratification at the splendid attendance. In particular he wished to thank Mr. Strutt for his kind remarks about his father, which he had greatly appreciated. He knew that his father and Mr. Strutt were great friends, and that they had very great respect for one another.

Mr. Hicks was quite right in his contention that, after all, the profession did possess counsel in that he found it one of the most pleasing features of their profession that a younger member could always go to an older man, and he believed the latter would in every case give his advice freely

and ungrudgingly, sparing no time, and taking infinite pains to explain any point that needed explanation; but he was afraid that was not quite the same thing as going to counsel, because if Mr. Hicks had a difficulty he did not think he would say to his client, "Oh, I will just run across the "square and see my friend Savill on the other side." He would have to keep that up his sleeve; and if Mr. Hicks were good enough to come and ask him for advice, he would have to keep it to himself; but he would certainly get it.

It was perfectly true that in their profession they always did try to help one another, and he thought it had been the making of The Institution that when anybody wanted advice or help of any sort or description he could always go somewhere and get it. He hoped that line, which had been started by Mr. Watney and Mr. Vigers and by his (the President's) father, if he might say so, as well as by other members, would be continued in the future. He remembered with gratitude going time after time to Mr. Watney or Mr. Vigers and getting most valuable advice from them. It must be a great advantage to the young man who had just passed his examination, who knew a great deal but who had not the experience which would give him just the point he wanted to deal with, to be able to consult an expert on the particular subject.

He was glad that Sir Howard Frank had had an opportunity of thanking Mr. Goddard for the splendid work he did for The Institution. That was a point which he, personally, was never tired of impressing upon his hearers, because he had been in close touch with the work of The Institution for a good many years, and he believed he was one of the few people who knew how hard Mr. Goddard really did work, and what an enormous amount of energy he put into the affairs of The Institution; in fact, he was going to say, nearly the whole of his time was devoted to the interests of The Institution, which represented both the interests of the profession and those of the public.

He would say no more except to repeat his thanks for the way in which the vote of thanks had been proposed and received.

The meeting then adjourned.

PAPER 486.

# AGRICULTURAL COSTING: AN AID TO FARM MANAGEMENT.

By E. P. Weller (Professional Associate).

*To be read at the Ordinary General Meeting of The Surveyors' Institution on Monday, 8th December,* 1924.

To many people who are interested in agricultural matters the term "costing" has probably become familiar through the writings of research workers in agricultural economics, the investigations of committees appointed by the Government and other bodies, and contributions to the agricultural and general press containing figures purporting to represent the cost of certain products or processes. These writings and investigations have usually been concerned with national or social questions or with matters affecting the farming community as a whole or the economic aspects of certain specific branches of the industry, but I propose to deal rather with the uses of costing to the individual farmer in the successful conduct of his own business.

The subject is one in which I am keenly interested. For some time past I have been responsible for the organisation and supervision of the costing system for a farming business covering more than 7,000 acres, and previously I had opportunities, as a member of the outdoor staff of the Agricultural Costings Committee, of studying the application of costing to farms of various sizes and types in different parts of the country. These experiences should have given me some knowledge of the practical possibilities and difficulties of costing, and I proffer them as some excuse for my temerity in venturing to place my views before you.

Prior to the war agricultural costing had made little progress in this country, but during the period of control, consequent upon war and post-war conditions, the subject

was brought into some prominence owing to the obvious advantages of cost of production as a basis for fixing selling prices. It was rather unfortunate that attention should have been focussed upon that aspect of the subject, because the use of costing for that purpose is necessarily limited and comparatively unimportant. Under the abnormal conditions which necessitated the fixing of prices, costs of production came to be regarded as more or less beyond the farmers' control. Maximum production was desired, and it was therefore necessary to fix selling prices at figures which would encourage intensive methods, cover continually increasing costs, and leave a margin of profit for even the less efficient or less favourably circumstanced producers.

Under normal conditions the position is reversed. Owing to the competition of produce imported from regions where natural and social conditions are different from those prevailing here, selling prices are now, to a great extent, beyond the farmers' control. In the case of some important products, such as wheat, selling prices are influenced by world conditions of supply and demand, and are largely independent of costs of production in this country. True, there are cases such as that of milk where, by organisation for collective bargaining or other methods, farmers may influence selling prices to their advantage. In such cases extensive and reliable data relating to costs of production would doubtless be of considerable service in that farmers would have real knowledge of costs on which to base their demands. They would not, however, necessarily sell on a cost of production basis, for the price they could obtain would, to some extent, depend on other conditions of the market. Such data would also be of value in representations to the Government for the protection or preferential treatment of the industry or for the removal of financial burdens, and it is probable that agriculture is at a disadvantage compared with other industries owing to the lack of adequate statistics relating to the economic side of farming.

The uses of costing in these directions are, however, strictly limited. Proof of costs of production will not indefinitely maintain selling prices above economic levels,

nor will it permanently secure from the State advantages which are not consistent with a sound economic policy for the nation as a whole or with political expediency. The effects of control appear to linger in the minds of many farmers, who still seem to regard costs of production as immutable, and who look to providence or the Government to intervene on their behalf by influencing selling prices to their advantage. The majority of farmers now recognise, however, that the resuscitation of the industry must come from within. Selling prices are subject to the play of economic forces, and must to that extent be regarded as fixed points. Profits are determined by the extent to which costs of production are caused to recede from those points, and this is influenced by the efficiency of the farm organisation and management. The most successful farmers are those who are able to maintain costs of production below those of their less efficient neighbours, on the basis of an efficiency of organisation which does not impair their plant or land. It is the principal function of costing to assist the farmer in the study of this, the economic side of his business.

The word "economics" and the science to which it is applied are frequently unpopular with practical men, who look upon economic theories as mere abstractions without any practical value. This is unfortunate, since the science of economics is concerned with that most vital of all practical problems, man's efforts to get a living. Like other sciences, it consists of a study of cause and effect; an attempt to analyse observed phenomena and to formulate theories based on the results of that analysis. The earlier scientists endeavoured to benefit themselves and society by searching for the philosopher's stone and the elixir of life. Now it is the problems of everyday life which furnish the material for scientific research, and the result in the progress of the human race is self-evident. But science has its abstract side and its practical side. These are not separate, but are distinguished by their immediate results. Without abstract research in pure chemistry, advances in the applied chemistry of the farm would have been impossible.

Similarly, the abstractions of economists are useful in unravelling the tangled skein of the influences affecting the economic life of society. Much misunderstanding would be avoided by the general realisation of the fact that the economic theorist thinks in terms of society over long periods of time. The principles which he formulates deal with tendencies rather than definite occurrences. The practical man, on the other hand, thinks in terms of the individual and of to-day. Many minor influences operate to obscure the working of general tendencies in such a limited sphere. But economics has also its practical side, which deals with these everyday problems of the individual. In this sense every business man, and especially every farmer, should be an economist. Indeed, every successful farmer is an economist, though usually without realising the fact. Carver expresses the matter thus: "Since there is a competition for "the ownership or possession of farms, and since they who "conform most closely to the laws of economics will succeed "best in that competition, it will happen that farms will be "managed in the end or in the long run in accordance with "economic laws."[1] Conformity to economic laws is usually instinctive or the result of long experience, but everyone is not blessed with the instinct which brings success, and the slow acquisition of experience is often a painful and costly process. The systematic study of practical economics, based on the results of reliable costing, offers a method of achieving satisfactory results which may be used with advantage by both the old hand and the novice.

If technical knowledge remained stationary, and economic conditions were not subject to change, the operation of the tendency described by Carver would, to some extent, obviate the need for study of economic principles in connection with farm management. Centuries of trial and error might be required to eliminate wrong methods and evolve the best, but, since all farms would ultimately be run on economic lines, it would eventually happen that the only requisite for success would be emulation of the practice of men who

[1] T. N. Carver, *Principles of Rural Economics*, p. 295.

farmed under comparable conditions. But technical knowledge progresses and economic conditions change. This change may be gradual and almost imperceptible, as when it is due to a steady increase in population, or it may be sudden and catastrophic, as when the resources of a new country are rapidly developed or the discovery of a new process or natural agent revolutionises industry. The distinction between economic theory and its practical application is thus illustrated.

In a given state of society certain tendencies are at work, the results of which would eventually provide practical proof of the truth of economic principles. By gradual evolution or by sudden upheaval a new order supersedes the old, and the process is interrupted. There is much to be unlearned and much to be learned before society adapts itself by experience to the new conditions and economic tendencies again become fully operative. A knowledge of underlying principles, properly applied, will hasten the necessary readjustment and shorten the period of disorder and loss resulting from the altered conditions.

It is, therefore, in periods such as the present, when agricultural conditions are in a state of flux, that study of the economic side of the industry is particularly useful. Under these circumstances even the successful farmer may find his instinct at fault and his experience of little value. This point is brought out forcibly by Sir Daniel Hall in describing impressions received on his tours in 1910-1912, when agriculture was recovering from the depression which had commenced nearly forty years earlier: "... a new race "of farmers had grown up capable of making a living under "the existing conditions,"[1] and it was these men who shared in the renewed prosperity which then appeared to have commenced. In the past, farming has tended to remain in the hands of a "caste," and to be governed largely by oral tradition, slowly modified to follow changing conditions Practice was sound, having regard to existing knowledge and other circumstances; theory was not understood or

[1] *A Pilgrimage of British Farming*, p. 431.

regarded. It would be foolish to belittle the value of the practical wisdom of the ages, or to underestimate the immense initial advantage possessed by the farmer's son, steeped from birth in the lore of the soil and its products; but this wealth of experience must be interpreted in the light of modern scientific knowledge, and used in accordance with the requirements of prevailing economic conditions.

The problems of farm management may be considered from two points of view—the technical and economic, and the study of these two aspects is the function of technology and economics respectively.

The physical and biological sciences have made enormous progress in dealing with agricultural problems, and have produced results which most farmers now recognise as of the greatest practical value to the industry. Economic science has only recently been studied in connection with agriculture in this country; but in other countries, notably in Denmark, Switzerland, and the United States of America, it has received more attention with excellent results. Just as the botanist dissects plants, and from a study of the various parts, their construction, functions, and interrelation, is able to improve farm crops and to indicate to the farmer what species and varieties are most suited to his particular conditions, so the economist, by dissecting and studying the financial results of various methods and systems of production, is able to suggest improvements and to indicate the methods and system which are likely to produce the greatest profit under given conditions.

Technical and economic problems cannot be separated by a definite line of division. Most problems have their technical and economic sides, and it is only by a proper consideration of both that the best results can be obtained. Broadly speaking, technical studies show what is possible, while economic studies indicate what is expedient. To state the matter in another way, technology is concerned with the nature and treatment of natural objects for the purposes of production, while economics deals with the financial results of such treatment. The former shows what the farmer's land, labour and capital will produce if used in certain

ways, while the latter indicates how they should be used to secure the best financial results.

Under State control the farmer's problems were mainly technical. He desired to produce as much as possible and was reasonably sure of a profit. Now his problems are mainly economic. Values have fallen while costs are still relatively high, and he realises that some readjustment is necessary if he is to continue to make a living by farming.

The study of agricultural economics covers a wide field, which was ably described by Mr. A. W. Ashby in an article which appeared in the *Journal of the Ministry of Agriculture* for June, 1924. Mr. Ashby divided the subject under two main heads which he described as follows :—

> " (*a*) The Economics of Farm Management : *i.e.*, the factors in the internal management of the farm which determine the productivity of the enterprise and the remuneration of those who are engaged in it, whether workers, farmers, or landowners ;
>
> (*b*) The Social Economics of Agriculture : *i.e.*, the external factors which determine the course of production which is possible or desirable, and those which determine the prices of farm products." [1]

It is with one aspect of the former of these sections, internal farm management as affecting the remuneration of the farmer, that the latter is primarily concerned in his individual capacity, and it is in this connection that he is most assisted by the results of costing.

It may be pointed out, and quite rightly, that the farmer is also the custodian of the interests of the landlord and the labourer, and that he owes a duty to the nation at large. He can best fulfil these responsibilities, however, not, as some appear to think, by a policy of philanthropic self-sacrifice and speedy bankruptcy, but by the diligent pursuit of his own legitimate interests, having due regard, of course, to those moral rules which regulate the actions of all honest men. Lord Bledisloe made this point clear in connection

[1] *In loc. cit.*, p. 238.

with the duties of the landowner when opening the discussion on the Paper read before The Institution by Mr. D. T. Thring in January of this year.[1] If it is expedient in the national interests that farming should proceed along lines other than those indicated by economic considerations, then it is for the State to make it possible for farmers to follow such lines without thereby suffering relative loss. In the meantime they are bound to pursue the policy dictated by economic conditions.

In considering the subject of farm management, it is necessary to start with a clear idea of the proper duties of a farmer, or rather of the relative importance of his various duties. In the past a great deal of weight has been attached to the amount of manual work done by a farmer. The tendency has been to judge of his industry and efficiency by the time he spends in working with his hands. There is often considerable advantage in a farmer working alongside his men, apart from the actual amount of work he himself performs; but the quantity of manual labour which a farmer may reasonably undertake depends to a great extent upon his abilities and the size and type of the farm. The important point is that the matter should be viewed in the right perspective, and that the farmer should recognise that he has other and more important duties than those of a mere labourer.

The tendency of agricultural education to-day is to go to the other extreme, and to turn out farmers who are primarily scientists. I should like to support this statement by quotations from an address [2] delivered to the Agricultural Education Association by Sir Daniel Hall, than whom no one is better qualified to speak on the subject, and who, in addition to pointing out the defects of the existing system, showed the direction in which they may be remedied, and indicated the most important duty of the farmer. Sir Daniel wound up a *résumé* of the growth of the traditional methods of teaching agriculture with the

[1] *Transactions*, Vol. LVI., Part III., pp. 80, 81.

[2] *Journal of the Ministry of Agriculture*, Dec., 1923, p. 798; *et seq.*, "The Teaching of Agriculture."

words: "So I think we were given a set towards the treat-
"ment of agriculture as just an assembly of applied sciences,
"and it was conceived that we could bring out a farmer by
"grounding the youth thoroughly in chemistry, botany,
"zoology, and so forth." Elsewhere he says ". . . . What
"does characterise a good farmer as distinct from a bad
"farmer? We can sum it up in one word—management.
". . . . His job as farmer is a manager. . . . . We may
"sum up the object of the agricultural college as the
"training of managers," and he points out the relation of costing to management in these words: "The future of
"efficient management depends fundamentally upon a good
"book-keeping system to begin with, and the constant use
"of that book-keeping to check operating costs; so I think
"that the student must be inducted early into the point of
"view of cost accounting." And "It is accountancy which
"lies at the basis of the teaching of agriculture, and as pure
"chemistry is the grammar of the agricultural chemist, and
"botany of the agricultural botanist, so is accountancy the
"grammar fundamental in the instruction of the farmer."

In industry generally there is a distinct and growing tendency for the managerial functions, in the sense of administration and organisation, to be separated from the technical direction of the business.[1] Few farms are large enough for a similar cleavage in *personnel*, but the separate functions should be exercised, although combined in the person of the farmer himself. In most large industrial concerns costing forms the link between the administrative and executive departments, and provides material for criticism from the financial side to the technical side. It should occupy a similar place in farming. Costing is, in fact, a method of studying the problems of farm management, and its purpose and results will become clear if it is considered in relation to some of those problems.

The principal function of the farm manager (which term includes, of course, the tenant or owner-occupier who

[1] J. S. Nicholson points out that some writers have added to the three great agents of production (land, labour, and capital) another under the title of "Organisation" (*Elements of Political Economy*, p. 35).

manages his own farm) is to get the best results (in terms of value) from his personal ability and the capital at his disposal. The key problem in the exercise of this function is the elimination of waste. Most good farmers are enemies of waste in its obvious forms, but few are in a position to detect the less evident but usually more important leakages which occur on practically every farm. Waste is involved whenever the farmer's resources produce less (in terms of value) than they might have been made to produce. The opportunities of waste on a farm are numerous, and the scope for improvement by the exercise of efficient management is correspondingly wide. It is impossible in this Paper to investigate fully even the more important sources of waste, but their general nature may be indicated by consideration of a few of the problems involved.

### The Choice of a Farm.

The man who is seeking the best opportunity for investing his capital and skill in farming has to decide upon the size, type and situation of the farm, and whether he will own or rent it. Often his freedom of choice is limited by the amount of his capital or the degree of his skill; but whatever these may be, there are usually alternative methods of employing them. He may decide to own a smaller farm or rent a larger one; he may have to choose between a smaller farm of good quality and high rent and a larger one of inferior quality and lower rent, or between farms adapted by soil, climate or situation to different types of farming.

In many cases a farmer fails to realise the importance of correct choice in these matters because he finds himself located already on a farm, possibly worked by his father before him, and he has not considered the question of moving. Or his experience and knowledge may fit him for the type of farm and system found in a certain locality, and he may not be willing to go to the trouble of learning new methods elsewhere. A further difficulty met with at the present time is the restriction of choice due to the scarcity of available farms, especially to rent.

The choice of a farm is of great importance from an

economic point of view, and the farmer who is using his capital and skill on a farm of the wrong type for his particular capacities and mental and material equipment is wasting his resources.

### The Choice of Equipment.

The equipment of a farm may be divided into two groups, (*a*) those things which are usually owned by the landlord (buildings, fences, hedges, ditches, drains, roads, &c.), and (*b*) those which are usually the property of the tenant (working horses, milking and breeding stock, machinery, implements, tools, utensils, &c.).

With regard to the landlord's equipment, the problem in the case of a tenant-farmer involves comparison of the value of the equipment for production and the rent asked for it, plus the tenant's share of the cost of maintenance and incidental expenses such as rates and taxes. It has been said that buildings are unproductive, but adequate and well-designed buildings may so assist economical working of the farm, particularly in regard to labour costs, that they materially improve the financial results. The farm so equipped is therefore worth an extra rent as compared with one which is not so well provided. Similar considerations apply to other kinds of equipment. Some may have the effect of directly reducing outlay, while others may enable a given outlay to produce larger returns. At the same time the mere presence upon the land of buildings or other equipment, even if of up-to-date design and costly construction, is no reason at all why the tenant should agree to pay rent for them. He has to consider value for production and not appearance or cost.

In the case of an owner-occupier similar considerations apply, but sinking fund and interest on purchase money or on cost of construction must be substituted for rent, and the full cost of maintenance, rates and taxes must be added. It may also be necessary to take into account the value of the farm and equipment to the owner for production compared with the price it would realise if sold, due regard being had to alternative investments for the capital.

The question of the tenant's equipment is bound up with the system and methods of production adopted and the labour organisation of the farm. With regard to live equipment, the farmer has to decide what classes of stock he will keep and in what proportion. He must further consider the relative advantages and disadvantages for specific purposes of different breeds and of pedigree stock *versus* ordinary commercial stock. The considerations affecting dead stock are similar to those applying to buildings, &c., purchased or constructed by the farmer. He must estimate the economy in working which they will effect, or the improved results they will give, *i.e.*, their value for production compared with interest upon the outlay involved, plus sinking fund and cost of upkeep.

A wrong decision upon any of these points causes waste. Costing is of the utmost value in assisting correct decision.

### The Choice of Products.

The products which pay best are those which leave the widest margin between cost of production and value. There is a tendency for farmers to think in terms of produce rather than of value. They naturally like to see heavy crops and fine stock, but they do not always attach sufficient importance to the fact that they are producing for the market, and the market usually pays best for the varieties of produce which are most suited to the requirements of consumers. It may sometimes happen that a particular description of crop or live-stock which "does" well on a farm may not "pay" so well as other things which, though less suited to local conditions of climate and soil, are more suited to the wants of consumers and therefore command higher prices. This point is illustrated by the following passages from the Reports of the Departmental Committee on Distribution and Prices of Agricultural Produce :—

> ". . . the sale of which [imported meat], it is stated, is further facilitated by the fact that the joints are smaller, and therefore more adapted to the requirements of the consuming public. The home producer should,

therefore, study the requirements of the trade, and by such expedients as the development of a strain of early-maturing cattle and sheep make an earnest effort to supply retail distributors with the type of stock they require." [1]

". . . the view is held that the Danish farmer is the only serious competitor whom the home producer has to face so far as prime bacon is concerned. Danish products in 1922 accounted for approximately two-fifths of the total quantity imported. Danish producers have made a careful study of the requirements of the British market. They have ascertained that the kind of bacon demanded by the British public can be produced from a carefully bred pig, fed on a well-balanced ration, so as to yield bacon having the right proportion of lean and fat . . . they have set themselves successfully to supply the article required." [2]

A little further on the Report points out that the advantage possessed by Danish bacon is largely due to the fact that "the farmers' associations in that country have induced "their members to abandon their personal prepossessions as "to the type of pig to raise," while in this country "little "or nothing is done in the direction of producing for the "curer a standard and uniform article." [3]

The above passages refer to type of produce, but the Reports deal also with the question of quality, thus:—

"It has been estimated that in Denmark . . . . 75 per cent. of the pigs can be described as 'good,' from the standpoint of the curer, whereas in England the percentage is computed at less than 50, while no more than 12 per cent. can be described as 'extra prime.'" [4]

"Experience shows that even the poorest consumers demand a high standard of uniform quality in perishable produce (fruit and vegetables)." [5]

[1] Interim Report on Meat, Poultry, and Eggs, p. 67.
[2] *idem*, p. 93.
[3] *idem*, p. 95.
[4] *idem*, pp. 93, 94.
[5] Interim Report on Fruit and Vegetables, p. 32.

". . . we are strongly of opinion that the attention of growers should be concentrated on the best commercial varieties, dessert and culinary (apples)."[1]

"A steady and permanent improvement in returns depends mainly upon the growing of wheats of greater commercial value and high yield."[2]

Market prices are also subject to periodic fluctuations due to over- or under-supply. One further quotation will illustrate this point:—

"In existing circumstances, as soon as the number of fat pigs exceeds local requirements, a slump in prices ensues and pigs become difficult to sell. These slumps cause the abandonment of pig-keeping on the part of a number of feeders. This relieves the market and permits its recovery; good prices return and stimulate production until the market is again over-supplied when another slump ensues."[3]

It is well known that similar cycles occur in the case of potatoes.

Warren has drawn attention to these "cycles of over-" and under-production" in the United States of America, and his graphic representation of statistics relating to apples, horses and pigs are very instructive.[4] His advice is "when the majority are disgusted with the business is " a good time to buy; when the majority are declaring that " prices will never again be low is a good time to sell." With regard to horses he says: "The fact that horses are " high is no indication that they will be high when a young " colt becomes a horse; neither does the fact that horses " are low indicate that they will be low when the colt is " grown. It is not the price of horses, but the number of " colts that are being raised that suggests the probable pro-" fits from colt production." I am not prepared to say that

[1] Interim Report on Fruit and Vegetables, p. 99.
[2] Interim Report on Cereals, Flour, and Bread, p. 69.
[3] Interim Report on Meat, Poultry, and Eggs, pp. 94, 95.
[4] G. F. Warren, *Farm Management*, pp. 83 to 90.

the policy recommended by Warren is necessarily sound. There are many who contend that the man who steers a straight course comes out better in the end than he who chops and changes; but, on the other hand, cases have been known where shrewd men have accumulated large profits by the latter method. The important fact that does emerge from consideration of the subject is that each farmer should carefully investigate the matter for himself and determine what policy is likely to give the best results under his particular conditions.

The above considerations refer to the value of produce for sale, but of no less importance is value for further production on the farm. Some products may be disposed of in either one way or the other, and the farmer has to decide which course is likely to be the more profitable. For example, in the case of grain which may be either sold or fed to live-stock, the problem is usually presented in the form of a comparison of the selling price per feeding unit of the grain and the cost per feeding unit of such materials as may be purchaseable to replace it, due regard being had to the cost of marketing the grain and bringing home the feeding stuffs. But it is possible and very desirable to take a more comprehensive view than this. The real value of a product used for further production depends upon the value of the final or "cash" product. Thus, in the case of grain above mentioned, the decision should really turn upon the possibility of profit from the live-stock. Other products, such as hay, would be of higher value if fed, say, to dairy cows which were producing milk for sale at a profit than if consumed by store cattle, the rearing of which resulted in a loss. Of course decisions on such points cannot be arrived at or altered on the spur of the moment, and are largely bound up with general questions of organisation and system. The choice of products and lines of production should, however, be made with due regard to considerations of this description, and with a view to adaptability to varying internal and external conditions. Waste occurs when the farm products represent less than maximum potential value for the outlay involved, and further waste arises when this

potential value is not fully realised by the disposal of the products to the best advantage, either for sale or for further production on the farm.

### The Organisation of Labour.

The farmer's labour problems may be considered under four heads, namely :—

(1) Labour equipment required ;
(2) Seasonal organisation ;
(3) Daily organisation ;
(4) Effective value of labour.

The whole subject is closely related to other problems of management, particularly those of the equipment of the farm, the lines of production followed, and the general organisation of the farming system and methods.

As to the labour equipment required, it is important to distinguish between the economic employment of man, horse, and mechanical labour respectively. A field may be tilled much more thoroughly by hand labour than by horses and the usual implements, and it may produce a much larger crop, but under the conditions normally prevailing in this country, it would have a bad effect on the profit and loss account unless the crop grown was a speciality of high unit value.

The relative advantages of horse and mechanical labour, especially tractor labour, have been much discussed. On most farms a certain number of horses are necessary for work, such as hay and corn harvest, which cannot well be done by tractors. If there is enough work to keep these horses busy all the year round and enough more to justify the outlay of capital on a tractor, then the purchase of a tractor might be justified. But the comparative cost of horse and tractor work must be taken into consideration. If the work in question could be satisfactorily performed by horses at a lower cost per acre than a tractor could do it, then an increased number of horses would be indicated rather than a tractor. A tractor may, however, be capable

of performing work rapidly when the soil and weather conditions are favourable. This may enable the land to be more thoroughly cleaned and tilled and crops to be got in earlier. The value of the work is then relatively high. Horses might do it in the same time if there were enough of them, but this might involve a considerable amount of idle time at other seasons, with a consequent increase in the cost of all horse labour. The tractor may do belt-work, such as threshing or driving barn machinery, when not required in the fields, but even if it stands idle it is not so serious a matter because, if it is carefully housed, practically the only cost which continues while the tractor is not working is any depreciation due to obsolescence. A horse, on the other hand, has to be fed whether working or not, and its life is not likely to be lengthened by idleness. Another point which may tell in favour of the tractor is its power to do work, such as subsoiling or breaking up hard ground, which horses cannot usually tackle satisfactorily, or only at the risk of overstrain. The question of horse *versus* tractor-work is a complicated one which must be decided according to the circumstances of each individual case, especially the size of the farm, the proportion of arable to grass, the contours, the nature of soil, and the amount of belt-work to be done.

Having decided upon his labour equipment, the farmer must provide for its useful employment all through the year. The cost of man and horse labour is greatly affected by the ratio of actual working time to possible working time. This question is closely connected with the general organisation of the farm and the system of farming followed. A crop or enterprise which appears to be unprofitable may yet be worth while because it gets some return from men and horses at seasons when there is nothing better for them to do. Such secondary work should, however, be reduced to the smallest possible proportions. So far as is practicable every job and every crop and product should itself be profitable. Part of the cost of the "makeshift" work has to be carried by the directly productive enterprises, and it is evident, therefore, that the system which includes the

smallest proportion of such work will, other things being equal, be the most profitable. Establishment work, such as cleaning up yards and buildings, general maintenance, care of implements, &c., is subject to similar considerations. The cost of such work often appears higher than it really is, because on a well-managed farm it is done at times and seasons when no directly productive work is possible. Here, again, profits will tend to be increased by the reduction of such work to the smallest amount which is compatible with the avoidance of deterioration and the maintenance of such tidiness as is advantageous in work.

The daily organisation of labour is one of the chief sources of worry to every farmer. It consists in finding a job for each man and horse, and a man and horse for each job. For efficient organisation it is also necessary that the job found should be the best possible under the prevailing conditions. Much waste is involved in having to employ labour on a fine day in doing work which might just as well have been done on a wet day when there was nothing better to do.

The above considerations apply mainly to the utilisation of available labour. Good management in these directions is reflected in low costs per unit of time worked. But the ultimate test of efficiency consists rather in low costs per unit of work done. The further considerations which concern the effective value of labour are as follow :—

(1) The efficiency of the labour in relation to the cost per unit of time worked;
(2) The efficient direction of the labour;
(3) The adequacy of the equipment provided to assist labour.

With regard to the first point it will be seen, for example, that the advantages of a low cost per horse hour will be lost if the horses take twice as long to plough an acre as is necessary. The type of horse used may affect this matter. Heavy, slow-moving horses may be capable of exerting more power for a given quantity of food than light horses, but they are wasteful on land where the work could be well

done by the lighter type of horse which eats less, moves faster, and, owing to the absence of "feather," usually requires less attention and is less liable to "grease." A job which is just within the power of two light horses is usually beyond the capacity of one heavy horse. As it is impossible to use one horse and a fraction of another, two must be employed. There is thus a waste of power, and as the natural pace of the heavy horse is probably slower than that of the light horse, there is a waste of horse and man time also. On the other hand, when ploughing is just within the power of two heavy horses, three of a lighter type may be too many. If they were used there would be a waste of power, and it is probable that owing to their faster pace they would tire quickly by reason of the heavy going, whereas heavy horses would continue all day without discomfort.

As to man labour, low wages may result in low costs per hour of work; but if the quality of the labour is poor, the cost per unit of work done may be high compared with the cost of more efficient labour at a higher rate per hour.

Setting two horses or two men to do a job which might be done satisfactorily by one is a simple example of inefficient direction of labour resulting in waste. The use of two horses on a hay-tedder in a level field is unnecessary under ordinary conditions, yet the practice is by no means unknown. Horses walking in single file are wasteful when they might equally well walk abreast, because there is considerable loss of power in the former case, and also because an extra man or boy is often required to lead the first horse.

The judicious choice of implements is an important means of economising labour. Where conditions are suitable, a double-furrow plough with one man and three horses will do twice as much work in a given time as a single-furrow plough with one man and two horses. Supposing by the latter method three-quarters of an acre is ploughed in a day and by the former method one-and-a-half acres is ploughed in the same time, the additional three-quarters of an acre is ploughed at a cost of one horse-day, say 4*s.*, which is equivalent to 5*s.* 4*d.* per acre. A 16-foot

expanding horse rake will do under ordinary conditions about twice as much work per day as the rake of ordinary width, though they each require but one man and one horse. The additional work done by using the larger implement is thus accomplished practically for nothing. Some people advocate that we should go much further in this direction and adopt the multiple implements used in the colonies. There may be possibilities in this direction, but probably a good deal of replanning of fields and education of men is necessary before any considerable progress can be made, and it may be that differences of soil and climate affect the matter more than some suppose.

### The General Organisation and System of Farming.

The importance of the general organisation of the farm and the system followed has already been touched upon.

This question reacts with all other farm problems, and should be considered with due regard to all that is involved.

The investigation of farming systems has been somewhat neglected, probably because the subject does not lend itself readily to experimental treatment. It may, however, be studied by considering the results of research and experiments in connection with specific problems. Each farm enterprise, each line and process of production, may be affected in different ways by internal and external conditions. Each, therefore, is capable of individual treatment with a view to securing the best results.

You are doubtless familiar, for example, with the good work which has been done in connection with the scientific feeding of dairy cows, and you will have noted the striking reduction in cost of food per gallon of milk which has resulted in numerous cases. It is to be hoped that work of this kind will continue and rapidly extend, but improvement in such individual enterprises alone may not be sufficient to ensure the best possible results from farms as a whole. Each separate enterprise forms part of the farming system, and

reacts to a greater or smaller extent upon the others and upon the business as a whole. This is, of course, fully recognised and acted upon in the practice of most rotations and farming systems. What is not so generally realised is the fact that changing economic conditions call for modification of the systems, while the advance of natural and economic sciences indicates the particular modification which may be adopted, and shows how natural agencies may be exploited to the fullest extent for the reduction of cost relative to value produced. The farmer should cease to regard his system of farming as something inevitable which is imposed upon him by nature (Hall), and he should seek for alternatives which promise better results. It is in this direction that one may look for changes giving large reactions over wide areas.

In some localities excessive cake feeding of bullocks is still resorted to in the expectation of a return from the crops receiving the dung, though chemists are unanimous in their opinion that the chemical constituents can be more economically applied in the form of artificial fertilisers, and that the benefit of dung is chiefly mechanical. The wintering of cattle on arable farms mainly for the purpose of producing farmyard manure is still practised in cases where it is possible that better results would be obtained if no cattle were wintered, soil fertility being maintained by sheep, green manuring, clover roots and artificials, a larger proportion of crops being sold off the farm.

The perpetuation of uneconomic systems is assisted by the continuance in use of forms of agreement and "customs "of the country" which were well adapted to safeguard the landlords' interests in the past, but which can scarcely be justified in view of the larger knowledge and choice of methods and materials available to-day. This point was touched upon in the discussion on Mr. Thring's Paper above mentioned, when Mr. J. Whitton Aris said that "In "these days, when profits were difficult to obtain, it was a "serious matter to advise a tenant that he should act on a "particular farm in a particular way. The best help one "could give was to keep an eye on the tenant, and at the

" same time to encourage him to break out in his own way " and use his own self-judgment and independence." [1]

### The Commerce of Agriculture—Buying and Selling.

This is a large subject, and one which is rather outside the scope of this Paper. It is concerned with exchange rather than with production in the narrow sense. It has, nevertheless, a considerable bearing upon the problems of production already noticed.

If he is to utilise his resources to the best advantage, the farmer must buy the right thing at the right time and in the best market. He must make his plans according to probable market conditions, and he must buy well according to his plans.

The question of sale is closely related to the choice of products. In deciding what to produce, the farmer should study the probable trend of market requirements. Having completed the process of production, he should sell his final products to the best advantage. The considerations involved will depend somewhat upon the description of produce to be sold. Questions of grading and packing, selling forward, selling at harvest or holding over, reduction of the costs of collection and distribution by co-operation, collective bargaining with purchasers, elimination of intermediaries, the relative advantages of different markets, and the possibility of stimulating demand by advertisement or reduction of prices, may all require attention.

All these points are dealt with in the Reports of the Departmental Committee already mentioned, and I would commend this Report to any who do not happen to have read it. The subject of marketing has been neglected in the past, but it is now recognised as of the first importance, and the recent investigation is to be followed up by an enquiry conducted by officers specially appointed for the purpose by the Ministry of Agriculture.

The personal factor enters largely into buying and

[1] *Transactions*, Vol., LVI. Part III., p. 100.

selling. Some men are born bargainers, while others lack natural ability or inclination in that direction. Both types will benefit by systematic study of the subject, the one because his gifts will be used to better advantage, and the other because his deficiency will be realised and lines of improvement indicated.

Such, then, are some of the principal problems which confront the farm manager, and in the solution of which he is assisted by agricultural costing. Costing is much more than a system of book-keeping; it is a history of production, a systematic record, in terms of cash, of the farmer's experience. The farmer who sits down and works out his costs is not merely adding an ornamental pinnacle to his past work; he is laying a foundation for future efforts. My own experience suggests that there is nothing more fascinating to a man who is really interested in farming as a business than tracing the financial results of what he has seen in progress on the farm. The practice of costing has a stimulating effect on the keen farmer just as milk-recording has on the keen cowman. Further, it inculcates the right mental attitude, and forms in the farmer's mind the habit of regarding everything from the correct business standpoint. Every one of the multitude of problems which arise is subjected automatically to the economic test, and each decision reflects co-ordinated knowledge wisely applied.

The usual method of costing consists of a process of analysis. Costing has, indeed, been defined as "the statis-
" tical analysis of production." The basis of the farmer's costs is his expenditure. The test of efficient management is that each item of expenditure should produce maximum value, while the ultimate test of value is selling price. What is required, therefore, is that each item of expenditure should be traced to some finished product. The process may extend over a considerable period and cover a number of intermediate products. For example, seed oats are purchased and sown; a part of the oat crop is fed to working horses; part of the horse labour is utilised in growing and harvesting a crop of mangolds; the mangolds are fed to

dairy cows which produce milk for sale. By continued analysis part of the cost of the seed oats would ultimately be charged to the milk, the process extending over a period of about two years and covering three intermediate products.

In this way expenditure is brought into direct relationship with selling price, and the profit or loss on each enterprise is ascertained. This is sometimes thought to be the chief end and aim of costing, and the practice is criticised on the ground that the results are of no value because what pays this year may not pay next, and in any case it is impossible to eliminate the unprofitable enterprises and concentrate upon those which appear profitable. But it is not simply the final results which are of importance; the causes of those results must be studied. Each stage of the various processes of production must be examined to find out if the expenditure is producing maximum value all along the line. It is quite possible that the profitable enterprises may be more susceptible of improvement than those which have incurred a loss, while the latter may prove to be necessary because they utilise labour which would otherwise produce no return at all.

Farmers often appear to be intensely interested in figures, obtained on other farms, and often by very doubtful methods, relating to the cost of production of unit quantity of certain commodities such as a gallon of milk or a quarter of wheat. This is particularly the case when the costs are high, and may, therefore, be used to support complaints that things are going from bad to worse and that farming is a thankless and profitless occupation. Such people do not appear to realise that the costs may be nothing more or less than a grave reflection upon the management of the farm in question, and that, in any case, the figures probably have no sort of relation to their own costs. Usually they have not taken the trouble to ascertain these, so that the opportunity for valuable comparison is lost.

On the assumption that costing is concerned solely with the computation of such unit costs, it is sometimes asserted that the results are useless because the costs will always vary from farm to farm and from year to year. It is usually

necessary to calculate unit costs in the course of an investigation of results, and it is then this very variation between different fields, classes of stock, systems, farms, and seasons, which constitutes the principal value of the figures. Comparison of the results and investigation of the causes of the variations may indicate possibilities of improvement in those costs which at first sight appear satisfactory as well as in those which do not.

But unit costs are not the principal objective of costing, they are rather a by-product of the process and a means to an end, which is the study of the organisation of the farm for production. Whether the season be good or bad, whether economic conditions be favourable or adverse, the farmer who orders his business on economic lines to the best advantage will always obtain better results than he would otherwise have secured.

The advantage of costing as a basis for approximate estimates is important. For example, when an alteration in the farming system is under consideration, ascertained costs, intelligently used, form a reliable basis for estimating the probable expenditure. Past results will also form a useful guide in estimating yields and profits, though here very variable factors are involved. Nevertheless, it is likely that in the long run careful estimates which take into account also the probable trend of market conditions will prove not far wide of the mark. In this way crops, rotations or other processes may be examined and compared, new projects investigated, and the results of technical research brought to the test of practical economics.

When a farmer has accumulated sufficient data to enable him to form reliable estimates, he should, as far as possible, set down in advance his estimate of the cost of each process to be undertaken on the farm. These estimates should be based on the highest possible efficiency of organisation and execution, and his efforts should then be directed to bringing his actual costs as nearly as possible into line with the estimates.

The examples which illustrate the utility of costing also indicate its difficulties. There is nothing difficult about

keeping the primary records necessary to a costing system, and if these are properly devised to suit the particular farm they should not be unduly troublesome or laborious. These primary records are themselves of great value from a management point of view. Labour records, for instance, supply an immediate check upon the work done by men and horses; stores and produce records assist in the vouching of bills for payment, and provide a check on the carrying out of instructions concerning the issue of feeding stuffs and other materials and produce, and the application of manures; field, live-stock and milk records enable the farmer to keep in close touch with the progress of each department; records in general tend to make it impossible for sales or services rendered to be overlooked.

In preparing the results of costing, and particularly in correctly interpreting them, training and experience are essential. Inaccurate costing and erroneous interpretation of results may prove disastrous to the business if the deductions are acted upon. Costing is an attempt to record in terms of cash what has happened on the farm, and the complexity of natural processes therefore has its counterpart in the costs. Accurate costing and correct interpretation call for a proper knowledge and appreciation of the practical side of the business, and a due sense of the limitations as well as of the possibilities of the figures. Costing, therefore, is not a matter that can be undertaken by every farmer without assistance, nor is every clerk or accountant necessarily capable of organising and running an efficient costing system.

There are certain systems of departmental accounting which provide useful information and which may be simpler in operation than cost accounting. Even ordinary financial accounts, such as are kept for income tax purposes, may be made to throw considerable light on the degree of efficiency exhibited in the conduct of a business. Any accounts, if kept with reasonable accuracy and used intelligently, are better than none, and I venture to say that the further a farmer goes into the subject in practice the more he will realise the advantages of costing.

It is to be hoped that eventually more attention will be paid to the economic training of young farmers; that they will be taught farming as a business and not merely as a collection of natural sciences. Then each farmer will realise the necessity of knowing his own costs, and will be capable of recording and interpreting them. In the meantime farmers require expert assistance. A step has been made in this direction by the appointment of advisers in agricultural economics for the agricultural provinces, but the number of cases which these officers can personally assist is strictly limited. No real progress in costing can be made until farmers are so convinced of its utility that they are willing to pay for qualified assistance—until, in fact, the subject is brought out of the realm of pure research and assimilated into ordinary farming practice.

It would seem that development might usefully proceed along the lines of the milk-recording societies. Given the right men to superintend the work (and the demand will doubtless call forth the supply), there is no reason why farmers should not co-operate for the purpose of costing or simple forms of book-keeping just as they have for the recording of milk yields. Costing represents merely the general application of the same principle, and it is probable that it would make equally rapid progress with results of even greater benefit.

The results of costing a farm are primarily useful to the farmer himself. There is a mistaken notion that the costing of one farm in a district is sufficient to secure the benefits of costing for the surrounding farmers, or at least for those on farms of similar type. Such an isolated case may teach useful lessons, but other farmers will not be in a position to profit fully by that teaching unless they have records of their own costs which they can test by their neighbour's results. There is probably no such thing as an "average farm" from an economic point of view. The variation between different farms which appear to be managed on similar lines is usually considerable. Even if a farm is average in one particular it is usually above or below average in other respects. A farmer, therefore, cannot

be sure that the results obtained on his neighbour's farm apply to his case also.

The utility of a farmer's own cost results is, however, greatly increased if he can compare them with others arrived at in accordance with similar principles and under comparable conditions. A still wider field of usefulness is opened up when sufficient data is available to yield "standards" by which the efficiency of the management and organisation of various departments on particular farms may be measured. Some progress in this direction has been made by the Institute for Research in Agricultural Economics in the University of Oxford. The writings of Mr. C. S. Orwin, the Director of the Institute and the pioneer of agricultural costing in this country, of Mr. A. W. Ashby and of other members of the staff of the Institute, are doubtless familiar to many surveyors. These indicate the great possibilities of this branch of research, but one must regret that the depth of knowledge and ability which these studies display cannot yet attain their full measure of usefulness because of the paucity of the material available to work upon.

This Paper would be incomplete if it did not mention two directions in which costing may be of especial value to surveyors.

One is in connection with the management of farms for clients or principals. Here costing not only assists in securing the best results, but it enables the results obtained to be explained in detail, and future expenditure and returns to be estimated with some confidence. Costing might be applied to other branches of estate management with similar advantages.

The other direction is in connection with tenant-right valuations. Costing, if extensively practised, should be of the greatest service to valuers in assisting them to determine fair bases and rates for tillages and other matters which figure in valuations of tenant-right.

I fear that I have dealt with my subject inadequately. You will realise, perhaps, more fully than I do that my remarks form but an introduction to matters many of which

individually offer wide scope for investigation and discussion. I have tried, however, to indicate on broad lines what costing is and how it may assist the farmer. I have not introduced any of the statistical results which I have obtained in the course of my work, because my experience leads me to think that there is grave danger of such local figures being misinterpreted and misapplied unless they are accompanied by the fullest posible information as to the attendant circumstances and the methods by which the results were obtained. Had I included this in my Paper, there would have been no space for other matter. I hope, however, that any who are sufficiently interested in the subject will supplement my general illustrations by particular examples from farms or conditions with which they are familiar, and thus test, by actual or typical instances drawn from their own experience and local knowledge, the application to specific cases of the general uses of costing which I have attempted to describe.

The inclusion of costing in the syllabus of examination for The Institution's special diploma in Agricultural Valuations indicates that a knowledge of the subject will, in the future, be essential to surveyors with agricultural practices, and they, whose work brings them constantly into touch with farmers and who form an influential factor in the agricultural community, can, if they will, play a leading part in bringing into prominence the advantages of agricultural costing and the study of the economics of farm management.

VOL. LVII. PART II.

# TRANSACTIONS

OF THE

# SURVEYORS' INSTITUTION

## SESSION 1924-1925.

AT

THE ORDINARY GENERAL MEETING

*Held on Monday, 8th December*, 1924,

A DISCUSSION took place on a Paper entitled

## AGRICULTURAL COSTING: AN AID TO FARM MANAGEMENT.

**By E. P. Weller (Professional Associate).**

Sir EDWIN SAVILL, O.B.E. (President) in the Chair.

Mr. W. EDGAR HORNE (Past-President) proposed a vote of thanks to the author with the greatest pleasure. He feared that he knew little about costing, but it might be that the Secretary, aware of his ignorance of the subject, asked him to speak upon it in order to ensure that he would read the Paper and learn something.

Costing should be undertaken with caution. Mr. Mechie's accounts of Tiptree Farm, which appeared annually in the *Times* many years ago, proved to be unsound. The calculations of profits which a farmer friend indulged in on a future crop were likewise unfounded, and the accounts which one

made up after the close of the year, though hard facts, came too late to be of much value. He thought, however, costing was valuable, especially applied to the production of special crops and feeding costs, to ascertain the expense but not the profit.

Labour was one of the most important items of expenditure on a farm, and it was extraordinarily difficult to allocate it under the different headings and to see how far it had paid for itself.

The author of the Paper had spoken of large farms up to 7,000 acres, and costing must be very much easier on them than on small ones. In the case of a farm of less than 300 or 400 acres, it was very difficult to cover the overhead costs and allocate them in the proper way.

He (the speaker) was perfectly certain that if farming were to be carried on as a business, costing should be very carefully looked at during the year. The problem ought to be examined, further, as to how far casual labour could be employed in place of the present permanent labour. He was not at all certain himself that the time was not coming when profitable farming would absolutely depend upon every man engaged on the farm "pulling his weight." The trouble was that once the farmer had got his permanent man, the man in many cases was not quite so careful to render full service for the pay that he received as he would be if the service were on another basis. Admittedly the pay of the farm labourer was low, much lower than one would like it to be, but the men did not make it any better if they thought to do only half a day's work with the idea that they were making work for other men.

He felt that The Institution was very indebted to Mr. Weller for bringing the subject before them in so able a manner, and in proposing the vote of thanks he desired to congratulate him on the literary excellence of his Paper.

Mr. Robert Cobb (Fellow), in seconding the vote of thanks, said that, like the author of the Paper, he was a

young man, and he had come to that meeting to speak rather as a practical farmer than as an intelligent surveyor. When he came to read the Paper he wrote at once to ask if he might be excused from his promise to speak, because the Paper was so scholarly and scientific that it seemed to be beyond the ken of an ordinary young surveyor. But it was a subject in which for many years he had taken a keen interest, and he had adopted costing on a small scale on his own farm. Moreover, he had been a member of the Joint Committee of the Tenant-Right Valuers, and until he became a member of that committee he little realised the difficulties which arose in the path of costing. In every business, costing was one of the first things that was examined; but there was this difference, that the man who had, say, some steel rails or motor-cars to sell, after he had got his costing out, had an idea of what he should charge for the products, whereas the farmer could do nothing in that way after getting out his costing, for it was generally the foreigner who controlled the price of his goods.

The speaker was asked the other day what was the immediate cash result of costing, and in what way a farmer could see what he was getting out of costing. He replied that if the farmer looked simply in his ledgers he would see nothing at all, but, using his imagination, he might place against the item of costing something for "pleasure derived," also a certain amount for "general knowledge attained," and again something for the comparison of the details relating to different farms on different estates. To his mind one of the great values of costing was that it enabled a man to arrive at some conclusion as to why a quarter of oats cost, say, 15*s.* in one case and 25*s.* in another. The improvement of account-keeping by farmers had to come. Agriculture was going to be saved, not by protection or subsidies or anything in the nature of an earthquake remedy, but by the steady work on little details and savings. That was one of the detailed ways in which costing was going to help the farming community.

The author had taken a wider survey in his Paper than the narrow compass of his title seemed to warrant. The

speaker could not see how costing could influence the choice of a farm, of equipment, or of crops to be grown. In the author's own words, and they were very true, costing was "a history of production, a record in terms of cash of the "farmer's *experience.*" When the farmer was going to take a farm and was thinking of what he should do with it, obviously he had not that experience, and there could be no record of it in the shape of costing. Costing could come in only after he had gained experience. Most of those, including the author, who spoke about costing appeared to make the mistake of carrying costings to one final crop on the farm. He believed that costing was originated by the dairymen, and in their case it all went back to the cost of a gallon of milk; but farmers were not all dairy-farmers, nor were they for the most part engaged only on one special line of production. Costing, therefore, should not be carried to the final crop, whatever it might be (often the last crop of a four-years' rotation), but must be dealt with for every crop grown on the farm. He himself kept a diary for every field on his farm, and the costing of every man and horse was carried out, so that he knew at the end of the year what every Brussels-sprout—to use Mr. Edgar Horne's illustration—had cost per unit of measure.

It was of no use catering only for the scientific man or for the man with the 7,000-acre farm. The little man must be catered for in the matter of costing also. The first important item, after manual labour, related to a horse. When, five years ago, he was serving on the Committee, which he had mentioned, there were considerable discussions as to how oats, for example, should be carried to the cost of a horse, and whether they should be carried at their market price or at their cost to grow. He was one of those who thought that undoubtedly their market price should be carried to the costing of the horse account.

Another point was as to what was to be done with regard to "dead time," such as wet days, and the labour involved in brushing hedges, clearing up ditches, &c. That must be kept separately, it could not be carried to a particular crop, but must be distributed over all the crops

which the farmer was growing, either on a basis per acre or per total expenditure. Many people were apt to forget the "dead time." He believed that the costing system was going to be of great assistance to tenant-right valuers. The author had referred to various customs which arose in connection with those tenant-right valuations, and had said that many of those customs were much out of date, and with that he (the speaker) agreed. But he must cross swords with the author when he referred to the comparison in the value of a tractor and of a horse as shown by costing. He believed that no costing in the world would show the value of a tractor as compared with the value of a horse. The tractor would never, in his opinion, take the place of the horse, and, therefore, the case was not comparable, but, a tractor could be used when a horse could not, and took up work when the horse was engaged elsewhere on the farm, and which otherwise probably could not be done. He would like to bring to their notice a useful little book on costings, written by a school-fellow of his, Mr. Holmes, and published by the University of Oxford.

He had much pleasure in seconding the vote of thanks to Mr. Weller for his thought-provoking Paper.

Mr. H. J. C. Winterton (Member of Council) endorsed everything said by the proposer and seconder of the resolution. This was a Paper which was extremely difficult to criticise, and it would evoke agreement in the main. Costing, if it did nothing else, would perhaps tend to eliminate waste, and if waste on a farm could be eliminated it would be a great saving to the farmer.

He was struck by the remark which fell from Mr. Cobb as to the manufacturer of steel rails, who could accurately take his costing. A farmer, perhaps, could do the same, but there was one thing which the farmer had to contend with and which would upset all his calculations, namely, the weather. In addition to the weather he had the prices imposed by the foreigner; he might go to endless expense in growing a crop—probably a crop of roots which should form the nucleus of three other crops—and by the time he

had to market the crop the price might be infinitesimal. That had to be borne in mind in dealing with the costing of the farmer.

The Institution was grateful to the author for the ideas he had put forward. There was no doubt that costing would help the farmer, and the costing could be kept in very simple records—a simple method of book-keeping would suffice. He hoped the circulation of the Paper would enable surveyors to advise farmers to adopt systems of costing.

Mr. R. H. Powell (Member of Council) said that the thing which struck him most on reading the Paper—which might be called a learned Paper—was a fear lest, should it meet the eye of farmers, they might be deterred from starting costing by the apparent complexity of the subject. But after reading the Paper through about twice, he had learned a great deal from it, and the more the idea of costing could be instilled into the mind of the farmer the better. It was not altogether, however, a simple matter. He knew many farmers of 150 or 200 acres who farmed fairly well, paid their rents, and carried on for many years—he had known such farmers in the Weald of Sussex who, or their fathers before them, were never knocked out by the bad times of the eighties, but carried on and were still carrying on—and they would be inclined to think that the adoption of costing methods could not do very much to help them. Nevertheless, costing would help them if they could be got to learn how to do it.

The recording of dairy cattle had been of immense benefit, and he believed that would lead on to costing better than anything else. The recording of cattle had led to the rationing of cattle, and the bailiffs and the stockmen were now beginning to understand that and to take an interest in it. The stockman of the old type was an extraordinarily valuable man, and he understood the individual feeding of the animals in his care, for every cow required feeding in a different way. But, in his own district at any rate, recording and rationing had proved a

great service, and farmers were beginning to understand that if they were leaving a farm and had a herd of recorded cattle to sell, those cattle were likely to fetch a great deal more than the ordinary herd. In that way recording was assisting in the introduction of a costing system.

The Paper might appear somewhat difficult on account of its technical character, but it was a very clever Paper, and they were all extremely obliged to the author.

The Right Hon. Lord Bledisloe, K.B.E. (Honorary Member), speaking at the President's invitation, said that he had come that evening to listen and not to speak—that, he thought, was the proper function of most members of an intelligent Government. But he had come also because he honestly considered that there was no branch of agricultural science more important than that of agricultural economics, of which the subject of the Paper was, perhaps, the salient feature at the present time.

He had lately returned from a three months' agricultural tour on the American continent, during which he had visited a large number of universities—very "live" institutions they were—both in Canada and the United States, and it was hardly necessary to say that in those countries, which were predominantly agricultural, agriculture was the most important technical subject at all the universities. But what would interest those present, and what had surprised him, was that he discovered in every one of the agricultural departments of those universities that agricultural economics attracted the largest number of students, and was generally considered to be the most important subject.

On the question of costing he would like to add his small tribute to the knowledge, the skill and the eloquence of the author in presenting his case in favour of costing in the Paper. He was bound to say that on reading the Paper before the meeting, he had expected to find the exponent of the subject a gentleman of more mature age, if not with white hair. But it was a great tribute, if he might venture to say so, to the younger members of their most distinguished Institution, and an evidence that the young men of the profession

were taking an interest in that most vital side of the agricultural industry, that such a Paper should have been read to The Institution by a Professional Associate.

One of the headings of the Paper was "General Organisation and System of Farming," and that, he was bound to say, could not be stressed too much; it was a matter on which, in England, they were relatively behind the times as compared with some of the more progressive agricultural countries. In the section, however, the author had referred to "the removal of restrictions," and here, the speaker was bound to say, a word of warning ought to be uttered. In most cases the restrictions in the older agreements were placed there for a particular economic purpose. It was true that there were restrictions of a somewhat onerous character which most progressive owners would like to see modified or removed, but, nevertheless, there were a number of restrictions which did go to make for good farming and a larger output of food produce and possibly larger profits from farming than their removal would result in.

He had been interested to hear Mr. Winterton's remark that the process of costing was a simple process. He hoped it was, as in that case it was likely to be more readily adopted than if it were otherwise. But particularly was he interested in his remark, which he entirely endorsed from his experience on his own farms, that the great value of costing lay in the avoidance of waste. The waste that took place on many farms was stupendous, and very often a great deal of it was incurred without the knowledge of the farmer himself. If he were asked—and he did not profess to be a high authority—what were the two main advantages in costing, he would say that in the first place costing was a means of avoiding waste and leakage, and in the second place it was a means of justifying the continued production, or the discontinuance of production, of some particular product of the farm. In that connection the paragraphs of the Paper which dealt with the choice of products were to his mind a very material and interesting section. In the choice of products it seemed to him that more and more they would have to consider what the public

wanted and what it was for which the public were prepared to pay. If, for example, the public did not want a fat pig with a thin belly, there was no particular reason why farmers should go on producing that type of pig, and if they did go on producing it, they were likely to be cut out by their Scandinavian competitors, who had a keen eye to what the bacon consumers of this country were prepared to pay for.

He might in that connection give an illustration as regards cereal production of what he himself had learned from costing on his farm. Until recently, in his innocence, he was producing on the best land of his farm "Yeoman" wheat in preference to any other kind of wheat. But he discovered, as a result of comparative costings, that the miller was not paying him appreciably more for this, the best of wheats, than for some of the coarser thick-skinned English wheats which were usually grown in his part of the country. Having further discovered that there was a great demand for poultry corn in the county in which he lived, he changed his policy, and instead of producing the best milling wheat on the best land, he took to producing on poorer land the worst milling but the best cropping wheat that he knew, namely, "Swedish Iron," and the financial results had fully justified the change of policy. That was merely a little illustration of the value of costing.

In conclusion he wanted it to be understood that he was not speaking that evening as a member of H.M. Government, but as a private individual, and as an Honorary Member of The Institution, a position that he was very proud to occupy.

Mr. A. Williamson, F.C.W.A. (Visitor), Chairman of the Council of the Institute of Cost and Works Accountants, said that he was glad to have the opportunity of speaking to an Institution whose history went back, as he saw by the panel giving the list of Presidents, to 1868, and probably longer. He himself was a member of an Institution which was quite young in years—five—and, consequently, he spoke in some trepidation. He had greatly appreciated the

welcome which the President had just accorded to the new members, and he would try to introduce something of the kind into the body over which he presided.

He had listened with much interest to the Paper, but, like the seconder of the vote of thanks, he was disappointed that costing did not figure more prominently in the author's remarks. He took it that The Institution, by introducing the subject of costing into its examinations, had in mind the encouragement of costing among the farming fraternity, and he could say from his own knowledge of the subject—which concerned him every day from the educational point of view—that it would have to be approached from an altogether different angle from that of the author. It would be necessary to start from quite the other end of the story. The farmer would have to be introduced into costing apart altogether from the economic aspect of it. The farmer, like the merchant or the manufacturer of any product, had first of all to be interested in costing for the benefit he was going to derive from it himself, and not for any benefit he was going to bestow on the community at large. That was the first principle that would have to be recognised.

Costing was frequently looked at, by those less familiar with it, from an altogether wrong point of view. The idea that most people had of costing was as related to the determination of the price that appeared on the invoice or was placed on the commodity when it reached the consumer. To the speaker's mind that was entirely a wrong point of view. The proper point of view to look at costing was that which considered how it would reduce the cost of the article. That was the point that needed to be stressed more than any other aspect of the question.

He was interested to hear the author place interest on capital as an important item of cost. The speaker was one of those individuals who believed that until capital had received the reward to which it was justly entitled there was no profit, and he was delighted that The Institution, through what he took to be its endorsement of the Paper, should have accepted that as one of the principles of any costing system with which they might have to deal.

The difficulty in connection with the introduction of scientific costing was that of interesting the man who was actively engaged in the manufacture or, as in the case of the farmer, in the production of certain goods. The point of view of the practical man was to have as little as possible to do with figures, and to get on with the main job. Any organisation which intended to develop scientific costing amongst its members or amongst the fraternity, whether farmers or manufacturers, with whom they had to deal, would have to set up, as the master printers had done, a staff of costing experts who would travel the country, introducing costing systems, giving lectures, and assisting in all directions any of those interested. Such a staff would have, in the first place, to recommend and then to introduce costing systems, and assist in their development.

To his mind the greatest benefit that came through costing was the elimination of waste (as had been already said), then the ability to compare results from one year to another, not as was done on the balance sheet, but in respect to separated items, discovering the cost per chargeable hour of the various operations, and, by comparisons and frequent conversations through the bodies to which the people concerned belonged, to find out the differences and why those differences existed. Those were the directions in which every organisation that intended to put costing before its members as an aid to progress (which it undoubtedly was) would have to move.

Mr. Harry German (Fellow) said that when, in the middle of the previous week, he received a letter from the Secretary asking him to come and say a few words on the Paper, he did not realise quite what he was to be up against in view of the technical character of the Paper which had been delivered that evening. Moreover, after the several excellent speeches already made, there was little left for him to say. But he would like to put forward the view that the farmers of England were doing a great deal more with regard to costing than was, perhaps, appreciated. It had

to be remembered that the Ministry of Agriculture, mainly through the colleges all up and down the country, was engaged in costing to a very great extent. At Leeds University, for example, Dr. Rushton, the costing expert, was costing something like 300 farms at the present time. The same was going on at Reading and other colleges throughout the kingdom. That showed that the farmers themselves were willing to take advantage of every opportunity of bettering themselves in their business.

One thing which had been mentioned that evening, and which was not realised by the general public, or by a great many people not in touch with agriculture, was that a very considerable percentage of the farms in this country were small—very small farms indeed. He believed that among about 5,000 farmers in the county of Somerset the average holding was only 90 acres per man. It was somewhat difficult to carry on costing on farms of that size; in fact, he did not quite see how it could be applied when practically the whole of the work was done by the man himself. The speaker had had a fair experience of the management of farms, and he must say, though he said it regretfully, that he had been, to a certain extent, beaten on the matter of costings. He put forward a case in point, a piece of awkward land which had been prepared in every way for a crop, and then weather came which prevented sowing. The probability was that the farmer would have to leave that field until the spring. He had at the back of his mind a 16-acre field in Essex, just ready for sowing for winter oats; it had to be left on account of the weather, and now it would have to be prepared for another crop in the spring. That field had been harrowed down, and now it had all run together, and would have to be worked again. If costing were to be applied to the crop that was going to be grown on that field, probably one would not sow it at all. If one were to be governed to a large extent by costing, one would be up against the fact that there would be a great deal which would not be done in farming.

Nevertheless, Papers of the kind which had been read would bring to mind among those connected with agriculture

the value of accounts carefully kept, showing what went on in the farm. He tried in his official position to do everything he could to help those connected with the Ministry of Agriculture and the colleges up and down England, to get farmers to come into line and keep better books than many had done in the past. At the same time he did not want too much to be said against the poor English farmer. The farmer had had a good deal to put up with. Before the war he was neglected: he was made a great pet of during the war, and at the present time the speaker did not quite know where the farmer stood in popular estimation. But if costing could help the farmer to produce on the cheapest basis possible what the nation required, then such Papers as that which had been given that evening could do nothing but good in helping the industry of agriculture. He considered that the author was a very plucky young man.

Mr. E. A. Rawlence (Member of Council) joined in thanking the author for what was an excellent Paper, especially from so young a man. The speaker wished to put forward a fundamental proposition, namely, that it was of no use to look at one-year or two-year returns to get anything like a reliable result for costing. There were so many contingencies in this country which had to be provided against. There was, first of all, the seasons and the weather; then the possibility of disorders in the stock, such as abortion in cows or foot-and-mouth disease; then devastations of insects. He did not think that reliable returns could be forthcoming in less than two rotations on a four-field system —that was to say, eight years. Some of them might have seen in the journals the returns made by Mr. Ismay for three years' farming. They were most interesting and instructive, but, of course, the farming was carried on on lines beyond those any ordinary farmer could undertake. One member of The Institution, Mr. Richards, of Wimborne, whose family had farmed one of the best farms in South Dorset, had told him that he had got a record of the costing of every field for 45 years. That was of national use. The result of such a record was that he was perfectly satisfied

with the farming results over the period. That was a most valuable record to possess.

The Paper contained some most useful information. He noticed that the author said (page 32): "The most successful "farmers are those who are able to maintain costs of pro- "duction below those of their less efficient neighbours." The speaker thought that was a mistake. The successful farmer was he who put plenty of money into the undertaking. "Out of nothing, nothing could come." Among the south and west-country farmers there was some lack of pluck, and they needed to be stimulated and brought up to the scratch. When he went into the Midlands and the north, he was rather ashamed of some of the south-country farming.

The key to the whole situation was, he thought, to realise the difference in farms. The little farmer could not be classed in the same category as the big. The little man was bound to do a great deal of the work himself, while the big farmer had rather to manage and control, and the latter was in the position, perhaps, of furnishing more reliable returns as to costings, and then not of a too elaborate character, as to do this effectively it would require a full-time clerk.

The author had spoken, in the first place, of the choice of a farm. That, naturally, was most important. His own experience was that the best land and the highest rented land was the cheapest in the long run, although a secondary farm of poorer quality might be a very good adjunct for rearing young stock. The choice of a farm was almost as important as the choice of a wife, and there was really a connection between the two things. About seventy years ago his father used to meet an old Somersetshire farmer who was a very noted man in his day. One day someone said to him, "How is it you get on so well in the world?" His reply was, "Well, the reason is that I sleep with my "dairymaid!" His wife happened to be an excellent woman in the dairy, and she was at least equal to half the concern, if not the better half. In the case of the small farms, where the members of the farmer's family had to assist him, it was

most important that there should be a hard-working wife as well as a hard-working man.

As to lay-out, many farm buildings in various parts of the country were old, and had been tinkered up and adapted to special circumstances, and they could not, therefore, be worked on the most economical scale for feeding stock and so forth. But if a man wanted to start on a good basis that was an important point for him to look to.

Another point with regard to the economical working of the farm was feeding stuffs. Farmers might do better to grow more of their own feeding stuffs, and not go to market to buy so much manufactured food. In that way Denmark set us a great example. If farmers could be encouraged in that direction, it would be better for the country at large.

On page 43 the author quoted from the reports of the Departmental Committee : " We are strongly of opinion that " the attention of growers should be concentrated on the " best commercial varieties " (of produce). There again, in this country, orchards were in a shaky condition—at least they were in the west and south. They were worn out, the trees full of every pest that could be imagined, so that to plant a new tree was like putting a child into a bed infected with measles. Those who went to Wembley must have seen something of the possibilities of good fruit production. The orchards in this country ought to be largely abandoned, and fresh orchards planted with stocks that would develop better fruit and produce. The orchards were practically waste now, at least in the part of the country with which he was most familiar.

On page 44 it was rather suggested that some farmers should be a little more shrewd in speculating on the markets and buying. The speaker was of opinion that the less they went into the market the better. More attention, as he had already said, should be devoted to the home-grown stuff. One of the speakers had remarked that labour came next to the farm itself and the buildings, in the matter of cost. How to get sufficient labour, and how to control labour, was one of the most difficult problems at the present day. There tact came in more than anything else. The British farmers

in times past were not tactful with their men; they treated them too harshly, and now the swing of the pendulum was going the other way. If one had tact and treated the men kindly, it was easy enough to get along with them. But there was no doubt about it that the men did not now give a fair value for a day's work. There was the same difficulty in agricultural labour as in other trades. In the old days the farm labourer used to talk about "my cow" or "my pig," just as if his master's stock were his own, but that personal interest had largely passed away.

He did not think that tractors were going to cut out the horse. The great advantage of the tractor was that, unlike the horse, when it was not in use it did not cost anything. As an adjunct to the horse the tractor could be made a very useful implement.

Those were some of the thoughts that occurred to him in reading through the Paper. There was no doubt that all of them ought to be more practical and careful in the way they kept accounts. He produced a book, in the drawing up of which his own firm had had a good deal to do, called *The Farmer's Account Book*, published by the *Salisbury and Winchester Journal*. It had been used very largely all round his district, and had proved very useful to farmers. He would leave a copy on the table.

Mr. W. T. Hall (Member of Council) said that the Paper, with its arguments in favour of costing, had proved very interesting. Probably they would all agree in the abstract with the importance of costing the various products of the farm. They knew that as applied to manufactures the development of the costing system had resulted, and did result, in great savings, and, consequently, in increased profits. Their difficulties on the farm commenced, however, when they attempted to convert theory into practice. In the factory they knew the cost of the raw material, the amount of labour, and the proportion of overhead charges, and when those were worked out the resulting cost of each bolt and nut could be arrived at. But that was not quite so simple when applied to the operations

of the farm. Probably the farmer grew a good deal of the feeding stuff with which the cattle were fed. The cattle were born on the farm, and in that sense cost nothing. Some basis of value for the life of the young stock had to be arrived at, and some basis also for the cost of the feeding stuffs which the farmer had grown himself. He did not want to magnify the difficulties, but there were those difficulties to be faced if one attempted to arrive at any accurate costing of the farm. Of course it was possible by standardisation to arrive at a general system which should be applied to all farms; but he ventured to think they had a long way to go yet before farmers would sufficiently grasp the importance of the thing to agree upon a common basis among themselves. Many of those present would recall the difference in the figures given as to the cost of a gallon of milk when the arguments as to the price of milk were before the public about a year ago. The divergence in the values given of the cost of a gallon of milk was enormous. The differences were said to be due to the good or bad management of the farmer, or to particular methods of feeding, and so on, and that was only just one example of the difficulties against which it was necessary to contend.

Reference had been made by Mr. Cobb to the cost of team labour. Some year or so ago the speaker had to arrive at the cost of team labour in order that a home farm might be credited from the other departments of the estate for the work of a pair of horses. He arrived at the figure by charging the market value of the oats consumed by the horses. The result was rather startling, and the foreman of the woods and the clerk of the works, when they saw the figures, said, "You are determined to make a profit for "the home farm at the expense of the woods and the repairs "departments," but, of course, that was not quite true. The home farm had to have its return for the use of the horses employed elsewhere on the estate.

The speaker was strongly in favour of everything possible being done to induce farmers to go into the question of costing, if for no other reason than that they might thereby be induced to think. The mere fact of sitting down

to make up one's mind what a certain thing had cost made one think of various matters connected with it, and very often enabled the finger to be put on the weak spot in the management which should be corrected. Farmers, no doubt, would find it difficult to do the actual account-keeping, but by co-operation among themselves they might be able to engage skilled assistance. He used the term "skilled "assistance" not in the ordinary sense, but as meaning accountants skilled in farming costs. Farmers, however, were very conservative, and whenever he had mentioned such a suggestion to farmers he had felt that there was distinct opposition, because they feared lest their neighbours should know exactly how their farming was going on. The same objection might have applied to milk-recording, but milk-recording had taken hold and was going ahead, and it might be hoped that, following on milk-recording, some system of costing might be arrived at which would be of benefit to farmers generally. The more the matter was ventilated the better.

The vote of thanks, having been put to the meeting by the PRESIDENT, was carried unanimously.

Mr. WELLER made a brief reply, but has sent the following written communication dealing with the points raised during the discussion :—

The allocation of labour costs mentioned by Mr. Horne is usually affected by means of weekly time-sheets, which may be filled up by the farmer or his bailiff or foreman or by the men themselves. I have known the sheets to be very well written up by the workmen, and this has, I think, a good effect upon the men in creating a sense of responsibility and in stimulating that interest in their work, the decline of which Mr. Rawlence deplored. These time-sheets assist adequate supervision of the work, and enable the farmer to see if he is getting proper value for the wages paid.

It was suggested by some speakers that costing is more applicable to large than to small farms, and also that it is easier to carry out on the larger farms. Perhaps this view

arises from the fact that it is only where a considerable acreage is farmed that a competent person can be economically employed on costing, but this difficulty could be overcome, as I suggested in my Paper, by co-operation amongst the smaller farmers, and eventually by training them or their successors to keep their own cost accounts. From the technical point of view, I know from my own experience that the difficulties of accurate costing increase more than proportionately to the acreage covered, and that the correct interpretation of the results is immensely complicated, in the case of a large mixed farm, by the complexity of the considerations involved.

The special difficulties attaching to the very small farms, such as those which Mr. German mentioned, are connected with the initial task of persuading the farmer that costing will benefit him and the subsequent complication introduced into the accounts by the fact that much of the labour is performed by the farmer himself and by members of his family. The progress of agricultural education and advisory work will doubtless in time completely open up the way of approach to the small farmer; the extensive adoption of costing in other countries where small farms predominate indicates that it is by no means impossible to persuade this type of farmer that it is worth his while to practise a costing system. The complication occasioned by family labour arises chiefly in connection with research work, for since such labour is not usually remunerated at fixed rates, and is often irregular in point of time, it is difficult to deal with in arriving at averages or making comparisons, &c. From the farmer's point of view, however, it is just as desirable to use family labour to the best advantage as it is to make the best use of hired labour, and costing will, therefore, benefit him in the same way that it will benefit his neighbour who farms a larger area by means of hired men. Further, since the farmer himself and the members of his family are likely to take a keener interest in their work than the average hired man might do, it will probably be an easy task for them to account for the employment of their time and to note the results obtained. The small farmer, being in close touch

with every department and detail of the farm work is in a particularly favourable position to learn and apply the lessons which costing teaches. Lord Bledisloe remarked upon the importance which is attached to the study of agriculture economics in Canada and the United States of America, in which countries family farming is the predominant type.

Mr. Cobb's remarks were particularly interesting and instructive, but there are one or two points on which I cannot quite agree with him. I think it is rarely possible even for the manufacturer to fix his selling price on the basis of his costs. Usually he is subject to competition from home-made and imported articles in much the same way as is the farmer. Even when the manufacturer enjoys a partial or total monopoly, he cannot indefinitely raise selling prices, for there is a limit to the price consumers will pay for the quantity of a commodity offered. I am glad to have the testimony of a leading industrial cost accountant in the person of Mr. Williamson, that in industry as in agriculture costing must be looked at from the point of view of reduction of cost, and not as a means of determining selling price. The outcry which was occasioned by the proposal to abolish the McKenna duties indicates that motor-car manufacturers, whom Mr. Cobb instances, have much the same feeling towards foreign competition as have farmers.

It would, as Mr. Cobb states, be impossible for the farmer to be guided by his costing experience in making his initial choice of a farm, of its equipment, and of the crops to be grown, but he might well obtain valuable assistance from the experience of others, which is gradually becoming available as the result of research work. Further, the initial choice on these matters is not always or necessarily the final choice; and as his costing experience accumulates, the farmer will be assisted in making wise decisions as occasion arises, and perhaps also in correcting errors in an earlier choice.

It may be that I do not quite understand Mr. Cobb's remarks as to carrying the costs to one final crop on the farm, for it seems to me that such a proceeding would be

impossible on the ordinary mixed farm. I have never heard it advocated, and I should be sorry to leave the impression that I recommend such a course. When I mentioned "final" products I referred to those products which are sold off the farm, as distinguished from "intermediate" products which are used on the farm for further production. Such final products may be, and usually are, quite numerous, and their number and description will depend upon the lines of production followed. I am glad that Mr. Cobb goes into details of field costs, &c., for I believe that the information obtainable from studying such details is often the most valuable result of costing.

I think that the price at which home-grown crops, such as oats, should be charged to live-stock depends very much upon the purpose for which the costs are required. If you want the true cost of the finished article, there is no doubt that any home-grown material used in its production should be charged at cost, for any other figure would introduce an element of profit or loss in the final figure which would not then represent actual cost. On the other hand, when crops might have been sold, and feeding stuffs purchased to replace them, it may be useful to charge such crops to the stock at market price, in order that, in the final accounts, the cost of the crops may be brought to the test of market value, and the profit or loss on that particular product shown. It was my practice to distinguish between (*a*) crops, such as roots and grass, which were primarily grown for live-stock, and really formed part of the process of producing live-stock products, and which were, therefore, charged at cost of production in all cases, and (*b*) crops, such as wheat and barley, which were primarily grown for sale, but which it sometimes became economical to feed, and which were then charged to the stock at farm market price.

I am particularly glad that Lord Bledisloe should have endorsed my remarks concerning the general organisation and system of farming and the choice of products suited to the requirements of consumers. I believe that in these

directions much might be done towards the re-establishment of agriculture on a profitable basis.

The *Journal* of the Institute with which Mr. Williamson is associated has frequently been of interest and assistance to me, and I have been much struck by the number and variety of the problems which are common to both industrial and agricultural costing. I quite agree that the farmer must be interested in costing, for the benefit he will himself derive from it. Indeed, this was intended to be one of the mains points of my Paper (pages 36 and 56). I suggest, however, that costing is not the less a means of studying the economic side of a business because it happens to be used by an individual for the investigation of his own particular concern.

At the risk of sacrificing some portion of Mr. Williamson's approbation, I must endeavour to make clear my views as to interest on capital. From the point of view of the general body of consumers over a considerable period of time, cost must include interest on the producers' capital, their remuneration for management, and their profit, for if these are not forthcoming production will be curtailed. From the point of the producer, however, these three items form part of the selling price and not of the cost. Although in the long run producers will require all three, yet they may, and frequently do, sell at prices which exclude some or all of these items. In such cases it seems to me misleading to include in the accounts interest which the farmer has not received. I suggest that it is not a matter of charging a fictitious and arbitrary sum for interest but rather of ascertaining what interest the producer actually receives, and I submit that the inclusion in his costs of a sum representing the interest which he might have received had he invested his capital in, say, War Loan, would be as inaccurate as the inclusion of the salary he might have earned as a butcher's manager, or the profit he might have made had he set up in business as a greengrocer.

The mention of interest on capital in my Paper refers merely to consideration of the investment of capital in certain directions, *e.g.*, in farm equipment. In such cases,

and in reviewing the results of particular departments, or of the farm as a whole, it is, of course, quite right and proper to take into account the interest which the capital might have earned if invested in other ways.

I do not think that my remarks on page 32, to which Mr. Rawlence refers, should be construed as an argument against good farming. Low costs of production do not necessarily result from limited expenditure and a feeble type of farming, but from large production relative to the outlay involved, and this is surely consistent with good farming, however that term may be interpreted.

There are, as Mr. Hall said, many difficulties to be faced in connection with agricultural costing, but they can be overcome by careful consideration of the practical problems involved. The manufacturer frequently produces his own raw material, and has to follow his costs through several processes and departments before arriving at the costs of his final products. There is no reason why the farmer should not be able to ascertain the cost of all crops, whether used for sale or for feeding, and the cost of live-stock at birth, which Mr. Hall mentions, can always be arrived at. The cost at birth of one year's crop of lambs, for example, is represented by the cost of maintenance of the ewes since weaning their last lambs, together with a proportion of the depreciation of the ewes and the cost of the use of the rams. The differences in the cost of a gallon of milk referred to by Mr. Hall are, I think, illustrations of the uses of costing rather than of its difficulties, since the object of the individual farmers concerned should have been to detect and remedy the errors of management and feeding which were responsible for those differences.

Fear lest the knowledge of their financial affairs should become public property undoubtedly acts as a deterrent in any scheme for costing on behalf of farmers; but many farmers trust their bankers, some put their books into the hands of valuers, accountants and auditors, and many submit a statement of their affairs to the income tax authorities. It would seem that there is no real reason to fear that a cost accountant employed by a farmers' book-keeping society

would prove less trustworthy and discreet than those persons to whom the farmer already entrusts a knowledge of his affairs.

Some speakers mentioned the farmers' difficulties with regard to the weather and other external conditions. Costing, of course, is not a philosopher's stone which has only to be applied to a farm to turn everything into profit. Losses are sometimes inevitable, but good organisation and management, and the elimination of waste, will reduce losses to a minimum, and when they occur it may, perhaps, be some consolation to the farmer to know that he has his finger on the pulse of his business, that he has done everything possible to obtain the best results, and that at least he has not fared so badly as his neighbours who were content to be guided merely by rule of thumb.

If my reply seems somewhat controversial it is because I am anxious to try and remove any wrong impressions which the imperfections of my Paper may have occasioned, and I have, therefore, confined myself almost entirely to those matters upon which a difference in view-point is possible. Space does not permit of my enlarging upon the many valuable and interesting remarks which fell from those who contributed to the discussion, and I must, therefore, content myself with renewing my thanks to them for their lenient treatment of the shortcomings of my Paper and for their kind and encouraging words.

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The following written communication has been received from Mr. C. S. Orwin :—

I have been very much interested in the advance copy, kindly sent me by the Secretary, of Mr. Weller's Paper on "Agricultural Costing as an Aid to Farm Management." The subject is one which has interested me for many years, and my belief in its importance in agricultural development increases with increasing experience. In the first place attention may be directed by costing to the proper interpretation and application of the results of scientific experimental

work. It is the business of the scientist, for example, to find out means of increasing production; it is the business of the agricultural economist, with the aid of costing investigations conducted by him, to find out the extent to which scientific discoveries can safely be applied to farming practice. Everybody knows that the application of sulphate of ammonia to the wheat-crop increases its yield, but it does not follow that it will pay to dress the crop with this fertiliser, nor, if it does, that increasing applications of manure will produce uniformly increasing yields. Sir John Lawes found that, whereas small doses would produce a fairly big increase, the effect of augmenting the dose was to produce a quickly diminishing rate of increase. That is to say, if 1 cwt. of sulphate of ammonia gave 1 qr. increase, it did not follow that 2 cwts. would give 2 qrs. Although the cost of the crop goes uniformly up as the applications of fertiliser are increased, the additional yield of grain is on a steadily declining scale after a certain point, and the extent to which applications of manure are likely to be profitable depends upon the price of wheat. A great deal of harm can be done by an insistence on the ease by which crop increase can be realised without due regard to the amount of increase which will be profitable.

Another use of cost records in practical farm management is through the evidence which they afford to farmers on the subject of the general organisation of their business. To take, for example, the organisation of the horse-labour on the farm. It costs so much to keep a horse for the year, and on the great majority of farms the figure does not vary very much. But it does not follow that there is little variation in the cost of horse-labour, for the cost of a day's work depends not only on the cost of keeping the horse, but on the number of days during which he is effectively employed. Allowing for Sundays and Christmas Day and for Saturday half-days, the maximum number of working days is 286 in the year, and every day worked by horses less than this number adds proportionately to the cost of the labour performed. The cost mounts up in proportion as the idle days increase. This is one example, and many

others could be given, of the way in which costing directs the attention of the farmer to weaknesses in his management. It may be that he has too many horses, in which case results such as these will make him consider their reduction. It may be that his system of cropping is such that he needs an abnormal equipment of horses at certain seasons of the year, in which case an example such as this will make him consider whether this system is so profitable as to make the idle horses at other seasons worth while, or whether he could not modify it in some way which would enable him to keep his horses more regularly employed.

To take, for a further example, the case of manual labour: the object of the system of farming should be to give employment to a regular staff of men at all seasons of the year. Few systems do this better than the ordinary four-course rotation and modifications of it, but many rotations make the farmer dependent to a large measure on casual seasonal labour. The results of costing show that dependence on casual seasonal labour has the effect of raising unit labour costs, and though systems of farming involving much seasonal labour are often justified on account of the usually profitable nature of the crops grown (as with potatoes), it may well be that in certain cases the relative costliness of the labour involved may lead the farmer to consider whether after all it gives him an adequate return for the extra working capital and trouble involved.

Again, costing gives the farmer fairly accurate information on the actual cost of his various products. Costing for milk, for example, not only gives the farmer his total cost per gallon, but it supplies him also with an analysis of that cost, and herein lies its value. It is not much use to a farmer to know that his milk costs him, say, 1*d.* per gallon more than selling price. One of the difficulties of farming is that a man cannot readily scrap one product and turn over to another merely because it is not profitable. It happens sometimes that this must be done, as witness the case of farmers on the million acres of wheat-land which was lost to the country in the eighties and nineties of last century. But changes such as these are slow in

coming, and what the farmer wants, in the first instance, is an analysis of his total cost which he can consider item by item, and compare with similar results from other farms with the object of finding out, if possible, where the loss is located. Figures for milk production, published from time to time, have shown extraordinary variations on different farms in the cost per gallon, for example, of the concentrated foods fed, or the manual labour employed; and if costing becomes more general in the future, it should oe possible for the farmer to find published details of other men's gallon-costs with which to compare his own, with the object of tracking down unsuspected weaknesses. The same purpose will be served in the case of costs of crops and of all other farm products.

Lastly, data collected in the process of costing ought to be of enormous value to the farmer through the work of the county agricultural advisers. At present these men, useful though they are, are severely handicapped in their work in that they have no means at their command for testing the managerial efficiency of the farmers who consult them. It does not help the farmer who is losing money owing to low prices to be advised to buy more manure, or to spend a large sum on spraying a potato crop which he is pretty sure to sell at a loss. What is wanted is the means for testing his farm management in its efficiency in every direction, with the object of finding out whether by better organisation money cannot be saved through a reduction of costs. One illustration of the sort of thing that should be possible has already been given in connection with the efficient use of horse-labour, and Mr. Weller's Paper furnishes other examples.

If as much time and money had been spent on economic investigations during the past twenty-five years as had been devoted to scientific investigations, it should have been possible by now to equip the county agricultural advisers throughout England with details of this kind by which they could test the labour organisation of the individual farmer, and point out to him, as opportunity offered, the directions in which his neighbours were making better use of their men

than he was doing. The possibilities of useful work in this direction have been realised by the Ministry of Agriculture, which has recently established economic advisory officers at the advisory centres throughout the country. Mr. Weller is one of the first of these, and I think members will agree with me that the Paper he has produced for discussion by The Institution is a good augury for the future of the work he has taken up.

Paper 487.

# THE BUILDING OF THE ABBEY CHURCH OF WESTMINSTER.

By Lawrence E. Tanner, M.A.

*To be read at the Ordinary General Meeting of the Surveyors' Institution on Monday, 12th January, 1925.*

A few years ago there was attached to the railings of Hyde Park, just by the Marble Arch, a bronze tablet with an inscription to the effect that near that spot there once stood Tyburn Gibbet of sinister memory. Probably few who pass by it daily have paused to think whence the name was derived, and yet the little Eye bourn or stream has an important bearing upon Westminster history. Sprung from the Hampstead hills, the Tyburn flowed past Mary-le-bourne (Marylebone), crossed Oxford Street, found its way along Lower Brook Street, flowed down Aye Hill (now vulgarly corrupted to Hay Hill), thence crossed Piccadilly at a point where there is still a deep depression in the ground, and from there passed through the Green Park into the lake in St. James's Park. There it divided, one stream by way of Great George Street flowed into the Thames just north of Westminster Bridge; another passed along Princes Street, Great Smith Street, College Street, and so into the river at Millbank. The island thus formed was known as "Thorney," a name which sufficiently indicates its character, "the terrible or aweful place aet Westmunster," as it is described in a Charter of Offa, King of West Mercia (769-796), which is one of the earliest among the Abbey muniments. And yet, as Dean Stanley points out, the island was not without its attractions. Its gravel soil and fine sand made it healthy, the river was full of fish, and there was no lack of springs for drinking water.

We know something, but not very much, about the

history of Thorney before this time. There is no doubt that there was an important Roman station on the site, for it was near a ford on the main road between Chester and Dover until that road was diverted along the modern Oxford Street. In later times the monks evolved a pious theory that there had been a temple dedicated to Apollo on the site which was destroyed by an earthquake in A.D. 154, but it is probable that this theory had no more solid foundation in fact than the natural desire to be in a position to triumph over the rival St. Paul's, which could only lay claim to a temple dedicated to Diana.

I am afraid that we must relegate to the sphere of legend the tradition that Sebert, King of the East Saxons (d. 616), and nephew of Ethelbert, was the first founder of the Abbey, though his tomb is still shown in the church. His name seems to have crept by accident into the charming eleventh-century legend which makes him the builder of a church at Thorney miraculously consecrated by St. Peter himself.

We are, however, on surer ground when we come to the tenth century and to Dunstan, whose name is connected with the great monastic revival at that time. Whether he and King Edgar may be regarded as the founders of the Abbey or not, there is no doubt that at the time that Dunstan was Archbishop of Canterbury there was a monastery at Westminster, and that Wulsin was its abbot. There is a tradition, too, that Dunstan brought twelve monks from Glastonbury to Westminster.

From the time of St. Dunstan "the thin thread of tradi-"tion" may be disregarded, for from that date the history of the Abbey Church is continuous, and there is no doubt that a Saxon church was standing somewhat to the west of the present Abbey Church when Edward the Confessor came to the throne.

Edward the Confessor had spent his early years as an exile in Normandy, and a Norman he remained till the end of his life.

During his wanderings in Normandy he believed himself to have been miraculously preserved by the intervention of

St. Peter, and, in order to show his gratitude, he vowed that, if ever he should be restored to the throne of England, he would make a pilgrimage to Rome. But when on his accession he announced his intention to his Council, they were filled with dismay, and eventually persuaded him to despatch an embassy to the Pope to ask for absolution from his vow. The required absolution was obtained, but on condition that the King founded or refounded a monastery dedicated to St. Peter.

The Confessor then determined to rebuild the church and monastery at Westminster, which, it would appear, had fallen into some neglect, and the progress of the work became the absorbing interest of the last fourteen years of his reign.

As his long life drew to a close the weakness and futility of his character were easily covered and forgotten by his growing reputation for saintliness, and with this his venerable appearance and flowing white beard well accorded. He became still more of a visionary, and was credited with the power of healing. But it must be confessed that our faith in this power is somewhat shaken when we are told that anyone who proclaimed himself as cured was immediately granted a pension.

But as the saintliness of his character increased, so also did the disorders of the kingdom. "Authority forgets a "dying king," and vexation at his inability to compose the quarrel between Harold and Tostig brought on so grave an illness that it rapidly became apparent that the end was drawing near. This was now confirmed by supernatural means, and the story appears so often in the sculpture of the Abbey that it is worth telling at length. It chanced that while the King was on his way to the dedication of the Church of St. John at Clavering a beggar approached him and asked him for alms. The Confessor, however, had no money with him at the time, and after a moment drew from off his finger a ring "large, royal and beautiful," which he gave to the beggar. That same evening two pilgrims from Ludlow were benighted in the Holy Land. To them appeared an old man who, on learning that they were English-

men, "joyously like a clerk" led them safely to a city. There he revealed himself as St. John the Evangelist, and gave them back the same ring to return to the King. He bade them also give him the reassuring message that within six months he would be in Paradise.

Thus warned of his death the King hurried on the building of the Abbey Church, which it was his great desire to see completed. The building was ready for dedication on Holy Innocents' Day, 1065, but the King was too ill to appear, and his place was taken by the Queen. A few days later he died, and amid the lamentations of his people the last of the Saxon kings was laid in front of the altar in the Abbey Church with which his name must ever be associated.

We must now consider (1) what remains of the church, (2) what we know about it, and (3) what its influence was upon the present Abbey Church.

(1) The actual remains of the Confessor's Church and of the monastic buildings are not of very great extent. The most considerable portions that remain are the range of buildings stretching from the Chapel of the Pyx to the entrance of Little Dean's Yard (now known as the Norman Undercroft), some windows in the school above, the lower part of the Refectory Wall, and a few fragments built into later work. But the most interesting remains are those of the church itself. They are three bases of columns (which are some feet below the present flooring just in front of the high altar) and the foundations of the original apse at the east end. These foundations are partly underneath the Confessor's Shrine, and were uncovered in 1910.

(2) We also possess two not very coherent contemporary accounts and the well-known representation in the Bayeux needlework, of which last it should perhaps be remarked that, although the latest authorities believe it to be English work, there is no evidence that the worker had ever seen the church, and it was probably worked either from description or from imagination. We are thus driven back very largely upon inference, but from these hints and fragments we know with tolerable certainty what the Confessor's Church looked like.

(3) The first thing to note, and it perhaps causes us some surprise, is its size. There can be very little doubt, from the bases of the pillars mentioned above, which give us the width between the bays, and also from the fact that the centre line was the same as that of the church to-day, that the ground plan of the Norman church was not very much smaller than that of the present Abbey. It was far the largest church hitherto erected in England, the solitary outpost, as it were, of the great Norman age of church building which was to follow. Dean Robinson, who made a special study of this period of our history, used to say that he believed that it must have greatly resembled Norwich Cathedral, and it is now well established that the conception of it was based upon the Norman Abbey at Jumièges. We have additional proof of this when we find that the King's most trusted advisor for many years was the foreigner Robert, who had formerly been Abbot of Jumièges, and had built the church there. Robert became Archbishop of Canterbury, and attained so great an influence over the King that we are told that "if he said that a black crow "was white the King would rather trust his mouth than his "own eyes."

In the next place we know that, as was common in the Norman churches in France, there was a central tower and a rounded apse at the east end. There were also two transepts, although these were rather shorter than those afterwards built by Henry III., and a nave of eight bays, which ended just west of the present west cloister door. The choir was just under the central tower, and must have been much on the site of the present one, but perhaps a little further to the east. It will therefore be seen that the Norman church must have been somewhat shorter than the present church. It would thus give more room for the nave of the old Saxon church, which we know was left standing and used by the monks while the new church was building.

We have left unnoticed one very important feature which was retained by Henry III. when he came to rebuild the church. This was the crossing or central space under the tower, with the choir standing under and to the west of it,

an arrangement not uncommon in Norman churches (*e.g.*, Rheims) but most unusual in churches built at a later date. This curious arrangement, which strikes anyone on visiting the Abbey, is thus directly owed to the Confessor's Church, and it seems probable that it was retained because Westminster was a coronation church. For it is here that the "theatre," as it is called, is set up, on which is placed the Coronation Chair, and both the homage and the crowning takes place in this central space. From the Confessor's Church is also probably inherited the vast upper Abbey in the Triforium, of which few people know the existence. It reproduces the ground plan of the ambulatories and chapels beneath. But its intended use remains a problem. Finally, the general arrangement and setting out of the monastic buildings has remained the same, and was probably itself a reconstruction of the plan of the Saxon monastic buildings on the same site.

We can thus picture to ourselves the Norman Church, not as a small and primitive structure, but as a great and noble church, not unworthy to rank with Norwich or with Gloucester.

From 1065 to 1220 the Confessor's Church remained practically untouched. The monastery grew in wealth and power, and the abbot became one of the few who were privileged to wear the mitre and the full insignia of his rank. But although William and his successors received their crowns at Westminster and dwelt in the palace near by, yet, when they were gathered to their fathers their remains were laid elsewhere: William at Caen, Rufus at Winchester, Henry I. at Reading, Stephen at Faversham, Henry II. and Richard I. in noble tombs at Fontrevault, and John at Worcester (the only English king who is represented on his tomb in the habit of a monk).

The only addition to the church in this period would appear to have been an ambulatory round the east end. Such extensions were not uncommon in the twelfth and thirteenth centuries, but the details at Westminster are obscure and largely a matter of inference.

In 1220, however, the boy king, Henry III., laid the

foundation stone of a Lady Chapel at the east end. This seems to have been completed in 1234, and was to open a new chapter in the history of the church, for Henry was destined not merely to be the builder of a Lady Chapel at Westminster, but to be the second great founder of the Abbey Church. In many ways he bore a striking resemblance to the Confessor, to whose memory he was specially devoted, and after whom he called his eldest son.

About 1240, struck, so it is said, by the beauty of the cathedral at Salisbury, then approaching its completion, and perhaps even more by the newly completed cathedrals at Amiens and Rheims, he conceived the astonishingly bold idea of pulling down the great Norman Church of the Confessor and of building in its place a new church which should be both nobler and more beautiful than its predecessor. Perpetually harassed as he was by rebellious barons, and by want of money, we cannot but be amazed at the boldness of the idea.

It is instructive, too, to note how greatly he was hemmed in and limited on every side by existing buildings in carrying out his intentions, and yet how triumphantly he overcame his difficulties. In the first place it was not as though he had a clear site. His ground plan was practically laid down for him. He had to interfere as little as possible with the life of the monastery during the rebuilding. It is to be hoped that the popular idea of a monk as a fat, lazy and luxurious person is now discredited. At Westminster, at any rate, it is only fair to say that, except for occasional lapses, due to a weak abbot, the monastery was a hive of industry throughout mediæval times, and that the monks led busy, responsible, and active lives. Henry therefore determined to leave the Norman nave until the rest of the church was completed so that the daily services might be carried on as usual. He was also limited to the east by the newly completed Lady Chapel which it was necessary to combine with the new church, while the fact that the south wall of the choir and nave was also the north wall of the cloisters not only determined the position of the transepts, but hemmed him in to the

south. Again, even if the problems of vaulting a wide space could have been overcome, the fact that the Norman nave would have to be brought into some kind of relation with the rest of the church prevented him from extending much to the north. Henry therefore could only gain by added height, and that unique combination of loftiness and narrowness is the result.

Undaunted, however, by these difficulties a start was made in 1245, and the east end of the Confessor's Church was pulled down. It is now generally agreed that Henry's work falls into two periods:—

(1) The first of these extends from 1245 to 1254. In these wonderful years the whole of the east end of the present church as far as the central crossing was built, as well as the transepts, the great rose windows, the north front, part of the cloisters, and the chapter house. The work seems to have begun on the five easternmost bays of the sanctuary where the great wooden tie-beams between the pillars mark the earliest work, and then have proceeded east and west to the transepts. The chapter house was completed about 1253.

(2) Then for a few years the work slackened. This was partly owing to the troubled state of England, and partly to a strike, for an attempt was made in 1254 "to recall the "workmen of the Church of Westminster who have left, as "the King is informed, so that the work may proceed." It is possible, too, that the architect died at this time. At any rate, the work was not continued until 1260. From that date until 1269 it went on without a break, and the existing choir and one bay beyond the present choir screen was built. This was the extent of Henry's work, and the join with the much later work of the nave is quite easily seen at this point, because the rich diaper on the walls above the arches is here replaced by a plain and undecorated wall surface.

I spoke just now of the architect. It is commonly supposed that the names of mediæval architects are unknown. Such is not the case at Westminster. The minds that conceived and built this mighty church were Master Henry,

Master John of Gloucester, and Master Robert of Beverley. Of these the first must be considered "the architect of the "building in all its parts," though he probably died sometime about 1253.

An interesting question has arisen about the identity of Master Henry. Quite recently the Rev. H. F. Westlake, who has done so much to elucidate the early history of the Abbey, found among the Abbey muniments a deed in which he is described as "Master Henry of Reyns," and it is tempting to conclude that here we have the lost link which connects the two great coronation churches of France and England, and that the same master mind conceived and built them both. There is, of course, no doubt that the two churches are intimately related in plan, and the fact has been often pointed out. Both, for instance, have the choir west of the central crossing, in both many of the windows are almost identical, and from Rheims is derived the plan of the apsidal chapels at Westminster and the wall passage that runs round them. The great height, the form of the chevet, the great north front, and the glorious flying buttresses which take the whole weight of the Abbey, are all essentially French in their design, and show that the architect, whoever he was, must have studied exhaustively French sources.

But Professor Lethaby has recently pointed out that Westminster perhaps owes even more to Amiens than to Rheims, and that it also owes something to the St. Chapelle at Paris. He further points out that the name "Reyns" may be derived from Raines in Essex, and that it was not uncommon as an English name at this date. He concludes: "While admitting "to the fullest degree study of French sources, all at West-"minster seems to me so thoroughly re-thought and re-"handled, that I have no doubt that the foreign concep-"tions passed through the mind of an English master"; and again, "the result is triumphantly English."

There is one further point to be noted before we pass on. It must always be remembered that the Abbey was built to the glory of God and for the use of the monks. "To the "glory of God!"—for some of the most beautiful things in

the Abbey Church can hardly be seen. For instance, the Censing Angels, which are almost Greek in their feeling and perfection, are high up in the spandrils under the rose windows; and a series of heads, which are quite as beautiful, are so placed in the triforium that they are known to only a very few, and seem to have escaped the notice of those who compiled the wonderful and exhaustive volume on the Abbey which has just been issued by the Royal Commission on Historical Monuments. Again, the church was planned for the use of about forty monks, and for that purpose it is admirably adapted; but it was not intended for use by the general public except as a place of pilgrimage, and anyone who has been present at a great function there knows how few are those who are able to see what is taking place except by the aid of specially constructed stands.

Henry's new church was consecrated on 13th October, 1269, and the body of the Confessor was translated from before the altar to the magnificent new gold shrine which, though sadly battered, still exists. Thus was closed the second great chapter in the history of the building of the Abbey Church. For the next hundred years or so we must imagine the new work of Henry III. joined on "to the lower "but not ignoble nave of the Confessor." But though there was but little building, the first half of this period saw many beautiful additions to the Abbey Church. The mosaic pavement brought by Abbot Ware from Rome was laid down in front of the High Altar about 1268-1270. It was the work of Odoric, a Roman of the Cosmati school of mosaic workers. The great round porphyry stone in the centre was supposed to contain the four colours of the elements—fire, air, water, earth—and round it ran a strange inscription, of which traces still remain, foretelling by an elaborate calculation of the average ages of man, birds, fishes and beasts, and adding them together, the end of the world in 19683. To this period also belong the Sedilia erected by Abbot Wenlock about 1300; the Coronation Chair (1300); the beautiful fragment of the Retable (late thirteenth century); the tombs of Henry III. (*c.* 1291), Eleanor of Castille (*c.* 1291, which Professor Lethaby calls "the most beautiful thing in

"Europe"); and the three superb tombs (all about 1300) of Edmund Crouchback, Earl of Lancaster, his wife Aveline, and Aymer de Valance, Earl of Pembroke. It is almost impossible to imagine how beautiful these things must have been in their first freshness with the great gold shrine of the Confessor in the midst.

But two disasters fell upon the monastery in this period and prevented any attempt being made to complete the Abbey Church. In 1298 a terrible fire devastated the monastic buildings and reduced them to a roofless shell, although fortunately the church was spared. Edward I. needed all the money he could get for his Scotch wars and could give little help, and in 1303 all hope from that quarter came to an end owing to a great burglary of the King's regalia which was kept within the Abbey precincts. There is no doubt, unfortunately, that the abbot and monks were implicated in this unfortunate and discreditable episode. The abbot and ten of the monks retired to the Tower, and even after they were released the monastery was distracted with violent internal dissensions. At length, with the accession of Abbot Bircheston in 1344, things appeared to be taking a more favourable turn, and he built part of the east cloister which still bears his name. But in 1349 came the Black Death, and he and half the members of the convent fell victims to it.

Our next great landmark, therefore, is connected with Simon Langham, afterwards Archbishop of Canterbury (d. 1376). Langham had succeeded Bircheston as Abbot of Westminster in 1349. He found that his predecessor had left the Abbey, in the words of a contemporary, "heavily "burdened through loans, excessive expenditure, and the "ravages of his relations." Langham, however, restored discipline, and paid off most of the debt during his abbacy.

In 1350 he was appointed Bishop of Ely and Treasurer of England, and in 1366 he became Archbishop of Canterbury (the only Abbot of Westminster to attain that dignity), and two years later a cardinal. He had been succeeded as abbot by Nicholas Litlyngton, who had at once undertaken the rebuilding of such parts of the monastery as had been ruined

by the fire of 1298. His energy was unbounded, and most of the still remaining portions of the monastic buildings are his work (*e.g.*, the boundary wall in College Street, the Guest Houses, &c., in Dean's Yard, the College Hall, &c.).

But Langham had an even greater scheme in view. He was a rich man, and he determined to provide the necessary funds to pull down the Norman Nave, and to complete the original plan of Henry III. The remarkable thing is that he determined to complete it on the same lines and architectural pattern as the older work. Whether the inspiration was acturally Langham's or Litlyngton's, the lead that they gave was followed by their successors for the next two hundred and fifty years. The Abbey Church thus remains, though built at different periods, one architectural whole, and as such is almost unique. Of the great English churches Beverley Minster is perhaps the only one which affords a parallel. Thus the reason why Westminster is so completely satisfying lies in the fact that "it was built by men who "were original enough not to seek after originality in their "work."

By a lucky chance some letters have been preserved from which we can trace the first stages of the work. The old nave was pulled down in 1376-1388, and the foundation of the new laid on 3rd March, 1377. But at first, at any rate, Langham, impatiently following from Avignon the course of the work, did not consider that it was progressing as fast as he could wish, and he feared that he might die before he could see the result of his liberality. John de Bokenhull, a Westminster monk who was at Avignon, writes on behalf of the Cardinal: "We are all mortal, nor is it necessary, as "my lord has said, that the pillars be of marble as you "write, but of other good stones which will last as long, "and so the said work be completed the sooner and at less "cost." Fortunately Litlyngton refused to be hurried, and to this we owe the great "pelers de marmor" from Purbeck which were brought from 1387 to 1403 at a cost of from £40 to £80 each. Langham, however, was not convinced, and a little later he complained that the workmen seemed to him to be half-hearted and slack. Again Litlyngton

reassured him, and pointed out that it was not lack of zeal but the magnitude of the task which caused the delay; "it would be easier to make a new church somewhere else "than to pull down the old one there." But the Cardinal's fears were justified, for, struck down by a paralytic stroke, he never received this letter, and died at Avignon in 1376. By his will he left the greater part of his fortune to the Abbey. A few years later the work at the Abbey was momentarily interrupted, and the body of the great Cardinal was borne past the work which he had initiated, and re-interred in St. Benedict's Chapel within the Abbey over which he had ruled for so many years. Thus a contemporary says: "He gave himself to the convent and all that "was his."

But the work was not allowed to slacken for long, and largely through the liberality of Richard II. the *novum opus*, or new work, as it was called, was continued. It was at first put into the hands of the great mason of the period, Henry Yevele, who had been responsible for much of the present stonework of Westminster Hall and also for the marble tombs of Edward III., Anne of Bohemia, and of Langham; "We may look upon him as the designer of "the nave." By 1403 the great pillars were in position and the wall raised to the arch of the triforium, and thenceforth year by year the walls rose gradually higher and higher. Stone for the work was brought from Caen, from Reigate and district (the village of Godstone is said thus to derive its name), and from the Devonshire village of Beer. It was brought by cart to "Batrichesey" (Battersea, *i.e.*, St. Patrick's eye) and to "le wharf apud "Fawkeshall," and thence by boat to Westminster. By the end of the reign of Richard II. the building had risen to the triforium level. Henry IV. was but little interested in Westminster, although it was to be his fate to die at the Jerusalem within its walls.* But Henry V. interested himself personally in the work, which was put under the finan-

* Henry IV. was taken ill at the shrine of the Confessor, and was carried to the Jerusalem Chamber, where he died. The scene has, of course, been immortalised by Shakespeare, *Henry IV.*, Part II., iv., 5.

cial charge of the famous Sir Richard Whittington. By the end of his reign the triforium had been finished, and the builders were at work on the clerestory. It is interesting to note that the inside stonework of some of these windows still show signs of long exposure to the weather. It was many years before the nave was roofed; from want of money and other causes the building slackened after Henry's death, and it was not until towards the end of the century that the question of finance was again taken in hand. The monks thenceforth contributed a mark apiece each year, and gave up their annual harvest outing to Battersea. Thus gradually by one means or another enough money was found for the great and little scaffolds, the "great wheel," and "lez gynnes et poleys . . . . et les takelyng" to be again laboriously erected and the mighty work of the erection of the west window and of the vaulting undertaken (1482).

It is a curious fact that the vaulting of the nave was begun at the west end and gradually continued eastwards. The last bay to be vaulted was almost over the choir screen and was completed by Abbot Islip in 1504-6, just about 230 years after the work to which it was linked. At last the great Abbey Church was complete. But even now there was no pause in this extraordinary story of constant building. John Islip was the last of the great mediæval abbots. He not only built the beautiful Chantry Chapel in which he lies buried, but he was abbot when the last great period of building was undertaken. In 1503 Henry VII. pulled down the old Lady Chapel and began the wonderful chapel which bears his name. It was completed in 1519. "The stateliest "and daintiest chapel in Europe," as Bacon calls it. There was no question of iron ties to keep the structure in place. The superb roof was planned with an audacity and sureness of touch which makes it perhaps "the most wonderful work "of masonry ever put together by the hand of man." The great windows are curved at will, and the walls are covered with sculptured figures and devices.

But beautiful as it is the chapel is not now as originally planned. It was originally intended to place the tomb of Henry VI. in the chapel at the east end and the tomb of

Henry VII. in the centre of the chapel itself, and for that reason the stalls are "jammed tight up to the arches." But poor Henry VI., who was disregarded in his life, and who, in the battles of the Wars of the Roses was usually left under a tree near by "because he was better at praying "than at fighting," became, like Edward II., of value after his death. The tomb of a saint was of commercial value in mediæval times, and so, although Westminster went to law about it, eventually Windsor received his body, and the space in the centre was left empty. The tomb of Henry VII with its grille, now a dull bronze, but once a thing of glittering beauty, was placed at the east end. It blocks the radiating chapels which, designed for the tombs of his successors, remained unfilled until later days. The chapel has lost, too, its beautiful stained glass. They were the pattern for the windows of King's College Chapel, Cambridge. But it is still a Royal Chapel, and no one may be buried nor may a monument be erected there without royal sanction.

It is the irony of fate that the Abbey Church stood complete and supreme in all its beauty for only twenty years (1519-1540). In the latter years the monastery was dissolved and the spoliation of its treasures began. Thenceforth the task of its architects has been to preserve what remained. Throughout the seventeenth century work was in progress on its outside to repair the ravages caused by the London atmosphere. This work has been going on ever since. Fortunately, at present, we are faced with no such problems as have had to be faced and overcome at Winchester, Lincoln, and elsewhere. What has been accomplished at Westminster has been the remarkable feat of replacing the decayed exterior stone by stone. This has been the work of Sir Christopher Wren, Sir Gilbert Scott, Professor Micklethwaite, and Professor Lethaby. The result is that there is scarcely a single original patch of stonework on the outside. "Externally . . . . the church is a copy, not by any means "faithful, of the original."

The western towers were the last great addition to the Abbey Church. These are traditionally supposed to have

been designed by Wren, but were actually designed and built by his pupil Nicholas Hawkemore in 1734-40. Architecturally, I suppose, they are indefensible. And yet, perhaps, it is a case of unfamiliarity breeding contempt. I sometimes wonder if those who condemn them so glibly have seen them almost daily, year in year out, under every condition, have seen them, for instance, outlined against a bright orange sky on a November afternoon, or from the cloisters at midnight on a summer's night, gleaming snow-white in the moonlight with every harsh line smoothed away, or yet again on a spring morning across the young green of the trees in Dean's Yard. That is no doubt a thoroughly unsound way to judge them. And yet, seen thus, they do become a part, and no inconsiderable part, of that wonderful Abbey Church which "ever surprises us by its loveliness" and is so infinite in its variety, so mysterious in its problems, and so inexhaustible in its interest.

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# TRANSACTIONS

OF THE

# SURVEYORS' INSTITUTION

SESSION 1924-1925.

AT

THE ORDINARY GENERAL MEETING

*Held on Monday, 12th January*, 1925,

A DISCUSSION took place on a Paper entitled

## THE BUILDING OF THE ABBEY CHURCH OF WESTMINSTER,

By Lawrence E. Tanner, M.A.

Sir EDWIN SAVILL, O.B.E. (President) in the Chair.

MR. A. NORMAN GARRARD (Hon. Secretary), in proposing a hearty vote of thanks to the lecturer, remarked that it had been said that all work and no play made Jack a dull boy. He had often wondered whether it would not be to the advantage and pleasure of the members occasionally to hear Papers dealing with subjects other than those usually read at the meetings dealing with matters with which they were all concerned during the day. Personally he was very grateful to the Council for having allowed the members to have had the present break. He hoped it would be

appreciated, and that the experiment would be repeated. Of course, in departing from the usual practice, care must be taken to see that the Papers were well chosen; and he ventured to think that all present would agree with him when he said that they could not possibly have had a more suitable subject than the description of the Westminster Abbey and Church which they had heard that night.

He offered to his friend Mr. Lawrence Tanner the appreciation and thanks of the members for his lecture.

Mr. W. Edgar Horne (Past-President), in seconding the vote of thanks, said he would like, as an old Westminster boy, to pay a tribute to Mr. Tanner's wonderful knowledge of the Abbey. He supposed that he was twice Mr. Tanner's age, and he had wandered about the Abbey all his life. He had also been shown round by more than one of the deans, but he knew nothing about the Abbey in comparison with Mr. Tanner.

He (the speaker) had been a member of the last Ecclesiastical Court which had temporal powers and which executed judgment on offenders. That Court received its commission not from the King but from the Dean of Westminster. It was rather interesting as a surveyor to think that his business at that time had been to see that weights and measures in Westminster were of proper dimensions. The Court punished those people who offended in that respect.

He remembered another interesting thing about Westminster Abbey connected with the treasure there. The treasure had been stolen, and as a boy he was told that the thieves had been caught, had suffered punishment by being flayed, and that their skins were nailed on the door of the Treasury. He and another boy had been shown the door with the big nails with which the skins had been nailed down, and were very curious to know if the tale were true. Not being able to find any skin on the door itself they had picked with their penknives underneath some of the big nails, and found pieces of parchment which he had no doubt were portions of the skins of the thieves.

Mr. William Woodward (Fellow) said he was a lover of Westminster Abbey, and he had read about, heard of and seen a great deal of that wonderful edifice, but he had no hesitation in saying that he had never listened to anything more interesting about it than Mr. Tanner's Paper. Mr. Tanner's lecture was all the more interesting because he had not read a manuscript but had described most wonderful slides, and had shown slides illustrating ancient sculptures in the Abbey which the general public could not see from the floor of the Abbey. Thousands of persons, either from apathy or from forgetfulness, were not aware of the magnificent specimens of architecture which there were in the great city of London. There was no Protestant cathedral in the world to excel St. Paul's Cathedral, and although Nôtre Dame, externally, exceeded in beauty Westminster Abbey, yet it failed entirely, internally, in comparison with the magnificent beauty and height of the latter.

One or two points had occurred to him in listening to the address. One was particularly with reference to the junction of the western part of the nave to the eastern part. He did not think Mr. Tanner had made it quite clear that, although the levels were slightly different, the caps and bases of the western portion of the nave arches, which had been built a hundred years after the eastern part, were octagonal on plan, whereas all the eastern caps and bases were circular on plan. That showed that, although the builders of the western portion did apparently follow out exactly the work of the eastern portion, yet there was that slight difference. Voltaire said that originality was merely judicious imitation, and he agreed with him; he thought the little originality in the western portion was judicious imitation of the eastern portion.

He was glad to hear Mr. Tanner praise the western towers of Sir Christopher Wren. Although in detail the western towers were not what a great lover of Gothic would build, yet there was in the mass of the western towers something which merited Mr. Tanner's commendation.

There was another thing on which Sir Christopher Wren must be complimented, namely, that he built the

western towers with his favourite stone, Portland, because he knew perfectly well that the only stone which could last in the London atmosphere was Portland.

There was one other point about the Abbey and Sir Christopher Wren. If one looked at the crossing, that was to say, the junction of the transepts with the apse and nave, one would find that Sir Christopher Wren had commenced the base of what he proposed to build, namely, a magnificent tower and spire. Many criticisms had been made about that proposal, but personally he should have liked to have seen a well-designed tower and spire over the crossing of Westminster Abbey.

Mr. Tanner had shown some beautiful views of the cloisters. No doubt some gentlemen present attended conferences and arbitrations in The Institution building. On a hot summer afternoon in the arbitration-room, when perhaps they had had long and prolonged arguments with their opponents, and when the arbitrator had not quite fallen in with the views which one had endeavoured to express, there was nothing better one could do than to wander over to the Abbey cloisters and enjoy their coolness and seclusion in order to recover from the fray. He hoped that young practitioners would remember that, because if they did he was certain they would come back from the cloisters in a different spirit.

He had much pleasure in thanking Mr. Tanner for one of the best Papers on the Abbey which he had ever heard.

Mr. George M. Emery (Professional Associate) said, as a junior member, he would like to give his thanks to Mr. Tanner for a very enjoyable lecture. It was a great pity that the fog had kept so many members away. Mr. Tanner had referred to the close connection between Westminster School and the Abbey. He had himself been educated at King's School, Canterbury, and the same connection existed in Canterbury between the King's School and the Cathedral. One other similarity which had struck him between Canterbury and Westminster was with reference to the discussion as to where King Henry's body should

rest. He believed the same thing had happened at Canterbury in respect of Thomas à Becket's body, between St. Augustine's Abbey and the Cathedral; the Cathedral finally won, and contains Becket's tomb. As a result he believed the Cathedral became a wealthy body, and that St. Augustine's Abbey fell into a bad state of repair.

Mr. Tanner had stated that, in its early days, Westminster Abbey was the largest church in England. He would like to ask him whether it was any larger than St. Augustine's Abbey? The ruins of the latter, since they had been unearthed, were of surprising size, and personally he should have thought that there was at that time very little difference in size between Westminster Abbey and St. Augustine's Abbey.

The PRESIDENT, in putting the vote of thanks to the meeting, said he desired personally to thank Mr. Tanner for his most excellent and interesting lecture, every moment of which he had thoroughly enjoyed. He also desired to congratulate him upon the slides which he had shown depicting parts of the Abbey which nobody present could ever hope to have seen but for that evening's entertainment.

He agreed with Mr. Garrard that the present Paper was an innovation which he believed had pleased everybody. He thought the attendance, on a night like the present, was really remarkable, and showed that the experiment was a popular one. It was one which he hoped the Council in the future would see fit to repeat in another session.

He wanted particularly to thank Mr. Tanner for coming and giving the lecture, and to emphasise the fact that The Institution was extremely obliged to him.

The vote of thanks was carried with acclamation.

Mr. TANNER, replying, thanked the members for the kind way in which they had passed the vote of thanks. He admitted that he had attended that evening with considerable trepidation, but he had felt at once, in that curious way in which one did feel, that his audience had been interested.

He could only say that it had been an immense pleasure to him to have given the lecture.

He had been much interested in what Mr. Woodward had said. It was quite correct to say that there were considerable variations in details between the later work in the Abbey and the old, and Mr. Woodward was perfectly justified in saying that it was that perhaps which really constituted its charm.

He had also been extremely interested in what Mr. Emery had said. He had never compared the size of St. Augustine's Abbey with Westminster Abbey at the date in question, but it was an extremely interesting point, and one which he thought should certainly be followed up. The excavations to which Mr. Emery had referred had been done comparatively recently, and he doubted whether it had ever occurred to anybody to compare the size of the two abbeys, which made the matter all the more interesting. Personally he would certainly take an early opportunity of finding out. The observation he had made in the Paper, however, still stood, namely, that Westminster Abbey, with the possible exception of St. Augustine's, was the largest church in existence at the date mentioned.

PAPER 488.

# CURRENT COMPENSATION PROBLEMS IN CONNECTION WITH TUBE RAILWAYS.

By Frank Hunt, C.V.O. (Member of Council).

*To be read at the Ordinary General Meeting of The Surveyors' Institution on Monday, 9th February, 1925.*

It is somewhat remarkable that in connection with an important development of underground construction like tube railways, which was first embarked upon in the London area in the year 1890, questions bearing upon compensation problems connected therewith should not have formed the subject of collective consideration by a professional Institution like our own. An examination of the proceedings and *Transactions* of The Institution indicate that, except for reference to the construction of tube railways which may be found in the Presidential Addresses of the past, no special consideration by The Institution has been given to the various intricate problems which arise in connection with the construction of tube railways. Probably the further development of underground means of transport has brought these problems again to the fore; and, while there may be little fresh to be said on the subject, the Council of The Institution have felt that the present would not be an inappropriate moment for a short Paper forming one part of the trilogy of modern compensation problems which has been appointed for consideration on this occasion.

In the first instance it would perhaps be well to remind ourselves of the position by law created by the acquisition of the necessary facilities for the construction of underground works such as a tube railway. It is now, I think, established beyond all question that a so-called "easement" which gives exclusive right of occupation, whether of the surface or of a substratum of the soil, is not an easement but involves ownership, and the grant of the facilities must

be effected by a conveyance of an interest in lands. In 1893, in the case of *The Metropolitan Railway Company* v. *Fowler* (a land tax case), Lord Ashbourne, in a judgment in the House of Lords, referring to the case of *Reilly* v. *Booth* (1890), approved the following *dictum* of Lord Justice Lopes, namely: "The exclusive or unrestricted use of a piece of "land beyond all question passes the property or ownership "in that land, and there is no easement known to law which "gives exclusive and unrestricted use of a piece of land."

In *Cripps on Compensation* the general position is stated to the same effect, that a company empowered to "appro- "priate and use the subsoil and under-surface" of land took not merely an easement but an interest in land, and that before proceeding it was necessary to serve a notice to treat.

Without special statutory power or agreement, the right to tunnel carries with it the obligation to acquire the surface of the land through which the tunnel is to be constructed with the same contingent liabilities as would attach to the acquisition of the land if the surface as well as the subsoil were required to be used.

The statutory provision required may be either by way of general statute as in the case of sewers (sometimes somewhat analogous to tube railways in construction) or by private Bill legislation, as in the case of the tube railways. It is therefore essential to know, in respect of the construction of all underground works, what are the particular powers possessed by the authority or body constructing them.

Sanitary authorities under their existing powers may undertake the construction of sewers, whether in tunnel or otherwise, without applying for any special powers, the only condition being that owners or occupiers of the property affected shall be paid compensation in respect of damage sustained. Notice of the intention to carry out the works need not be given to the owners affected.

Generally speaking, the sewage authority is not liable to pay for the taking of the subsoil, but only for compensation in respect of any damage that may be done to the property.

By contrast, tube railways have to obtain Parliamentary sanction, not only for the route the lines are to take, but also for relief from the full burden of the Lands Clauses Acts with regard to the taking of lands; and, to this end, Tube Railway Acts generally contain a provision in the following form, namely:—

> "With respect to the properties shewn on the deposited plan the Company shall not be required to purchase or take the same or any part of the surface thereof but the Company may purchase and take and the owners of and other persons interested in any such property shall sell an easement or right of using the subsoil and under-surface thereof for the purposes of the undertaking of the Company and the provisions of the Lands Clauses Act with respect to lands shall subject to the provisions of this Act extend and apply to such easement or right of user except that no such easement or right of user shall be deemed part of a house or other building or manufactory within the meaning of Section 92 of the Lands Clauses Consolidation Act 1845 and that any question of disputed purchase money or compensation under this section shall be settled by arbitration in manner prescribed by the said Acts."—(London Electric Railway Act, 1911.)

The standard provision relating to the taking of subsoil beneath the public streets is different from the above, because promoters are permitted by Parliament to pass under public streets without being liable for the payment of monetary compensation for the privilege, and a typical section contains the following proviso, namely:—

> "But the Company may subject to the provisions of this Act enter upon take and use so much of the subsoil and under-surface of any public street road or footway shown on the deposited plan and described in the deposited book of reference as shall be necessary for the purposes aforesaid without being required to purchase the same or any easement therein or thereunder."

This aspect of the case was investigated by a Joint Select Committee of the House of Lords and the House of Commons in 1892, on the occasion of a Bill then introduced into Parliament known as the Electric and Cable Railway Schemes (Metropolis). The Committee was appointed to consider the best method of dealing with the schemes and *inter alia* as to the terms and conditions under which the subsoil should be appropriated, and a considerable amount of evidence was taken from engineers and others whose names have been associated with the construction of tube railways, and from those authorised to speak on behalf of the Local Government Authorities for London. The conclusion arrived at on this part of the reference is as follows:—

> "In the case of public streets the Committee think it expedient that the Companies should be empowered to pass under the streets at a sufficient depth without payment of compensation for the wayleave. In consideration of such free passage the Committee advise that the Companies should be put under obligation to furnish an adequate number of cheap and convenient trains."

In accordance with this recommendation, Parliament imposed in every Act authorising the construction of tube railways an obligation to run workmen's trains with specially low fares. In 1920, however, the Companies went to Parliament, and, notwithstanding the Parliamentary bargain under the Acts authorising the lines, were able to get relieved from the specially low fares. The higher standard then substituted is, in many instances, higher than that applicable to railways which had not received any special consideration.

An interesting problem arose in 1899. The London County Council promoted a Bill for the construction of Kingsway and Aldwych, and the Great Northern, Piccadilly and Brompton Railway Company promoted a Bill in the same Session for the construction under Kingsway and Aldwych, when formed, of a tube railway from Holborn to the Strand. At the time the railway was constructed, the streets, proposed to be formed by powers conferred on

the London County Council, were not in existence, and therefore the Railway Company could not claim free way-leave under the recommendations of the Joint Committee of 1892 for their railway. A claim was accordingly put forward in due course by the London County Council, into whose hands the property for the line of the road had passed. The Company, in the Session of 1913, promoted a Bill, which was opposed by the London County Council, exempting them from the obligation to make any payment for the way-leave, and so extending the principles of 1892. A perusal of the notes of the proceedings in both Houses shows that the Company relied almost entirely upon the obligation for workmen's trains and cheap fares in support of their claim that they should make no compensation for the construction of the work beneath the land purchased by the London County Council for the ultimate construction of Kingsway and Aldwych, and they were successful in their Bill. The same Bill relieved the Company from the consequence of the service of notices to treat in respect of subsoil under streets constructed entirely on land purchased by the Council, and this relief was also granted by Parliament.

The report of the Joint Select Committee of 1892 recommended the general application of the Lands Clauses Act. This being so, it would be fair to assume that the intention of the Select Committee was that all persons having an interest in the lands through which it was proposed to construct a tube railway would be entitled to make a claim in respect of the damage to their interest. The works are technically being constructed on land taken from the owners, the adjoining lands are situated not as in the ordinary cases contiguous in a horizontal plane, but adjacent vertically, and it is not surprising that in a number of cases the question of what is the proper measure of compensation and the elements to be taken into consideration in the ascertainment thereof should have been raised. Many of these cases are not to be differentiated from the ordinary problems of compulsory acquisition; for instance, where a tube railway passes to the surface where it reaches its outer extremities or where

properties are needed for the construction of stations and other ancillary works. Cases of this kind are outside the scope of this Paper, which is intended to refer only to those questions which arise by the construction of the works below ground without promoters coming under any obligation to purchase more than an interest in a part of the soil.

Members need not be reminded that the position under the Lands Clauses Acts for claiming compensation varies considerably, the question being whether in law lands are taken or are not taken. The general statement of the distinction between the assessment of compensation in the two differing circumstances is clearly expressed in *Cripps on Compensation* (1922):—

> "Compensation, where no lands of the same owner are purchased or taken, is not given by the Lands Clauses Consolidation Act, 1845, or other similar Acts, for all the loss or damage which promoters inflict upon an owner. When no land had been taken, the words "injuriously affected," or words of similar import, are limited to loss or damage under the following heads:—
>
> (1) The damage or loss must result from an Act made lawful by the statutory powers of the promoters;
> (2) The damage or loss must be such as would have been actionable but for statutory powers;
> (3) The damage or loss must be an injury to lands, and not a personal injury, or an injury to trade;
> (4) The damage or loss must be occasioned by the construction of the authorised works, and not by their user." (1922 edition, p. 148.)

Where lands are taken, the compensation to be assessed is the value of the lands to the owner including all advantages present or future and all damage directly consequent on the taking thereof under the statutory powers to other property of the claimant. It has generally been held that there is no limitation upon the class of claim upon which the claimant is entitled to recover

where lands are taken, provided that the injury flows from the acquisition of the land for the purpose of the construction of the works. This enables owners to claim in appropriate cases compensation for the probable vibration of the working as well as the construction.

Where, on the other hand, no lands are taken, compensation is not given by the Lands Clauses Acts.

It is probable that it was for this reason that, in the earlier cases, so much stress was laid on the point, whether or not a certain class of claimant, such as lessees, had, or had not, an interest in the subsoil. The various promoting companies sought to establish the view that lessees had no such right, and in general aid to this argument they usually settled that the freeholder should have what was described as the "freehold easement," based on a conventional rate which will be hereafter referred to. It is difficult to gather from such reports as are available the exact point at issue in the various cases, as most surveyors know how difficult it is from an ordinary report to judge what was the real point at issue in a case which subsequently becomes a leading one. I think, however, it is fair to say that the question whether a leaseholder has an interest in lands entitling him to the fullest compensation under the Lands Clauses Acts which the facts warrant has never been effectively decided.

A lessee undoubtedly has a right of support, and there is either an express or implied provision for quiet enjoyment, and, in a big city, the suggestion that the landlord could dig down and under a property which has been leased without his lessee's consent is too remote for practical politics. After a consideration of a number of cases, I see nothing to warrant the suggestion that a lessee is not being deprived of some interest in lands when a part of the subsoil is taken for the construction of the railway.

It is believed that the principles upon which the companies deal with claims of freeholders and lessees may be expressed in the following language respectively:—

> *Freeholders.*—A payment of £5 for the easement in full settlement of the claim with a reservation to the

freeholder of the right to claim for injurious affection, if any, to the premises by reason of the working of the railway and the right to claim for structural damage, if any, to the premises by reason of the construction of the railway, provided that the claim under either head is made within two years of the opening of the railway to public traffic.

*Lessees.*—"The Company do not and have not paid a lessee as such for the easement, but the course which they adopt is to enter into an agreement with lessees reserving to them a right to claim for injurious affection, if any, to the premises by reason of the working of the railway, and the right to claim for structural damage, if any, to the premises by reason of the construction of the railway, provided that the claim under either head is made within two years of the opening of the railway to public traffic."

The history of the so-called "conventional rate" of £1 per foot run for a running tunnel is curiously obscure. In the *Estates Gazette Digest*, 1915, page 158, Mr. Leslie Vigers is reported as saying that the conventional rate was made by the award of Mr. Ralph Clutton in the case of the *Marquis of Camden* v. *The City and South London Railway;* that another award by Mr. Ralph Clutton fixed a sum of money which represented £1 per foot run for a running tunnel, and that it was subsequently agreed that £2 per foot should be given where there was a station tunnel. Mr. Douglas Young, supplementing this, stated that, as a matter of history, easements at £1 per foot had been settled earlier than the case quoted. Unfortunately the case does not appear to have been reported either in the *Digest* since 1902 or in the *Estates Gazette* earlier.

Looking through the *Digest of Reported Cases* I find that the convention was specifically referred to in the case of *Johnston* v. *Charing Cross, Euston and Hampstead Railway* (1904), in reference to the Manor House, Golders Green, where Mr. Douglas Young is reported as stating that "in "dealing with easements certain formulas had been drawn "up which were never worth more than £1 per foot," and

put it in the particular case at 5*s.* a foot without any 10 per cent. addition; Sir A. Stenning, on the same side, put it at 4*s.* a foot plus 10 per cent. The jury's finding was equivalent to 20*s.* 7*d.* per foot, but no doubt included depreciation also (*Estates Gazette Digest*, 1904, page 213).

In connection with the same line of railway, in the following year the standard of £1 per foot run appears to have been definitely accepted by Mr. Daniel Watney, acting as arbitrator in the case of *Lord Iveagh* v. *The Charing Cross, Euston and Hampstead Railway* in May, 1905. Unfortunately the case is reported neither in the *Estates Gazette* nor in the *Digest*, and I am indebted to the courtesy of the firm of Messrs. Daniel Watney & Sons for the information that the award relating to the subsoil 200 feet below the grounds of Heath House, Hampstead, amounted to £1 per foot run for each of two tunnels plus 25 per cent., plus 10 per cent., a total award of £840 in respect of two 306-ft. tunnels = 27*s.* 6*d.* per foot run.

One of the cases in which I was directly concerned was, I think, of special interest, namely, the *London County Council* v. *London Electric Railway* (1915), where the London County Council claimed compensation in respect of property in Oxford Street, Aldwych, and Piccadilly, the umpire being our late President, Mr. Chatfeild Clarke. As regards the Oxford Street properties, the claim was in respect of staircase tunnels at a considerable depth below the surface, and there was no claim in respect of damage to the surface buildings. The railway company maintained that the conventional rate should be paid, the superficial area occupied being converted into the equivalent length of 13-ft. 6-in. tunnels. On this basis the conventional rate worked out at between £36 and £44. The umpire awarded £175, which, therefore, equals £4 or £5 per foot run. A similar calculation in the case of the island site, Aldwych, worked out at £901; the umpire awarded £1,355, or 50 per cent. above the conventional rate.

This case was rather interesting, first of all by reason of the magnitude of the values involved, and some of the points that arose in connection therewith. The line of railways

passed beneath the site diagonally, and in that way presented exceptional difficulties by reason of its relationship to the boundary of the site. At the shallowest point the top of the tunnel was about 80 feet below the surface of the land, and as it was then known that buildings were being designed for erection in London where the lowest floor would be 60 feet below the pavement level, it was obvious that the presence of a railway so near to what might be the lowest floor would call for special consideration. The ground rental value of the site was estimated at between £50,000 and £60,000 a year, and in support of the claim it was urged that if the existence of the tunnel beneath it should result in nothing worse than inducing a prospective lessee to investigate the consequences of its presence and the need of special construction, and in that way if the letting were delayed even for three months, the loss consequent upon the presence of the tunnel would have been of the order of about £15,000.

A different point arose in the case of the Piccadilly Circus fountain, the railway company contending that the equivalent length of 40-ft. run should not be calculated at the conventional rate of £1 paid in respect of subsoil under buildings or land for private purposes, but at 2*s.* a foot, the rate settled with the Crown for tubes under streets. The umpire awarded £40.

From an examination of the reported cases it is difficult to say what the so-called conventional rate of £1 per foot run really represents. The award of Mr. Daniel Watney, referred to above, was evidently based on the idea of a flat rate applicable to all cases, since there could hardly have been found a case where the subsoil was less valuable to the owner than one where the tunnel was more than 200 feet below the surface in a district far removed from the centre of London. But it is clear that the railway companies do not consider it a flat rate since they have maintained in certain cases, where the surface land was less valuable, that the rate should be only 4*s.* (and the contention that the rate should be less than £1 where the surface land is less valuable necessarily involves the converse, namely,

that more than £1 should be paid in respect of the subsoil of the more valuable land). Nor is it a maximum rate, since umpires have deliberately awarded substantially more than £1 per foot in some instances.

As regards the *quantum*, there does not appear to be any sound foundation for a rate of £1 per foot rather than for £1 a yard, or any other empirical figure.

The question of whether a leaseholder is entitled to any compensation in respect of the taking of the subsoil has, as previously stated, been raised from time to time. The attitude taken by the railway companies has been that leaseholders have no such right. The point was raised in 1902 in the cases of *Dixon* v. *The Great Northern, Piccadilly and Brompton Railway*, and the same railway v. *Long*, but the legal question was not decided (*Estates Gazette Digest*, pages 124 and 171). In the case of *Mark Lewis* v. *The Great Northern, Piccadilly and Brompton Railway* (1904), the then position was stated by a witness on behalf of the Company as follows: "He had always successfully resisted the claims "of leaseholders to any compensatable interest in the subsoil, "although it was a legal matter which had never been "authoritatively decided." The jury found in this case that the claimant had not been injured by the construction of the railway (*Estates Gazette Digest*, 1904, page 251).

In the case of *Stockton* v. *The Great Northern and City Railway* (1905), however, a leaseholder succeeded in the High Court in obtaining, in addition to £2,000 in respect of damage to the interest in the property, the sum of £1, the agreed amount of compensation for the easement if the Company were held to be liable (*Estates Gazette Digest*, 1905, page 148). In the series of cases of *Coburn* v. *the Great Northern, Piccadilly and Brompton Railway* (1906), in respect of property in Long Acre, held on a lease with 69 years unexpired, the Company contended that the claim had nothing to do with the subsoil easement which had already been compensated for to the freeholder at the usual rate of £1 per foot run (£63). The jury found that the property was not damaged by the tube (14th March, 1906). In the King's Bench Division the claimant applied for a rule *nisi*, pointing out that the jury had, by their verdict, dealt with

and determined in favour of the railway company the point of law that the claimant being only the lessee had not any legal interest in the subsoil, the freeholders being the only persons so entitled in law. The rule *nisi* was granted, but on being heard—October, 1906—was discharged on the ground that the jury had not exceeded their jurisdiction. The finding of the jury was one of fact that the subsoil taken was worth nothing, and it was clear that the legal question of whether a leaseholder could have a claim was not decided in this case.

The question again arose in 1912 in the case of *Turner* v. *The London Electric Railway* in a claim for (*a*) value of easement, and (*b*) possible damage to premises in Norfolk Mews, Paddington, held on leases with 44 years unexpired. Mr. Howard Martin, the arbitrator, decided that the easement was of no value, and that the claimant had sustained no damage. Again the legal question does not appear to have been decided.

The *Stockton* case was referred to subsequently in *Meeson* v. *London and North Western Railway* (1914), the claimant being the leaseholder of a house in Adelaide Road, Hampstead. In reply to the claim the Company's principal witness is reported as stating that "there was no case in " which the leaseholder had been awarded compensation for " an easement when no structural damage had been done." The jury found that there had been no material damage to the property, and they put no value for the easement; but they considered that the value for letting purposes might be slightly reduced, and assessed the damage at £100 (*Estates Gazette Digest*, 1914, page 537).

In respect of a house in the same road, Bence's executors claimed as leaseholders for depreciation, and also for a share of the value of the subsoil. The jury awarded £250, without, however, specifying the incidents in respect of which it was paid. The witness for the railway company said that custom had never recognised payment to the lessee for easements, and that lessees could not get it recognised by authorities.

Looking at the question broadly in the light of the

various awards and decisions, it seems to me that, whether a leaseholder is, or is not, right in law when in addition to his claim for material detriment and for loss of rent during the term of the lease by reason of depreciation he claims for a share in the value of the subsoil, the fact that a tube railway is constructed in the subsoil beneath his leasehold property makes it (in colloquial language) a chipped article, in many cases affecting the letting value of the property—a loss that is due to be compensated at a figure capitalised on the basis of an estimate of the annual loss during the unexpired term of the lease. However, the importance of the subsoil question is chiefly that it is a taking of land in which the lessee has an interest (seeing that he has a right of support), thereby bringing the question of compensation within the four corners of the Lands Clauses Acts.

Where no lands are taken but where injury flows from the construction and use of the railway, the position of the parties is regulated by a section which now is generally embodied in Tube Railway Acts as follows :—

> "(1) In addition to the provisions of the Acts incorporated herewith with respect to compensation for lands taken or injuriously affected the Company shall make compensation to the owner lessee and occupier of any land house or building which shall be injuriously affected by reason of the working of the railway where constructed in tunnel (including the working of lifts and any other works in connection with the said railway) notwithstanding that no part of the property of such owner lessee or occupier is taken by the Company. Provided that all claims for compensation under this section shall be made within two years from the date of the opening of the railway for public traffic and shall be settled by a single arbitrator under and subject to the provisions of the Arbitration Act 1889 save that where the parties do not concur in the appointment of an arbitrator the Board of Trade shall have the powers of the court or a judge under Section 5 of the said Act."

This obligation is based upon a recommendation of a Committee over which the late Earl of Plymouth, then Lord Windsor, presided in 1901, and arises out of alleged damage caused by the operation of the Central London Railway. It is to be observed that this section does not apply to cases where the claimant has an interest in the lands under which the railway is constructed, and the subject for compensation specifically includes the working of the railways and for similar works. There is a limit of time within which such claims may be made, and although it is believed that the Companies in some cases seek to extend the principles of this section to those cases where lands are taken, there is no obligation on the part of a claimant to exclude from his first claim items in respect of the damage anticipated under similar heads.

It was hoped that it would have been possible to have made a complete summary of the various reported cases dealing with the consideration of the underground and tube railways, but a sufficient number has been mentioned to give an indication of the main points which have arisen in dealing with these classes of compensation claims in the past.

Paper 489.

# CURRENT COMPENSATION PROBLEMS IN CONNECTION WITH ARTERIAL ROADS AND ROAD IMPROVEMENTS.

By Sydney A. Smith (Fellow).

*To be read at the Ordinary General Meeting of The Surveyors' Institution on Monday, 9th February,* 1925.

Valuers have recently been confronted with problems in connection with the compulsory acquisition of strips of land for new arterial or by-pass roads and the widening and improvement of existing roads. There is perhaps little that is new in the valuations, but valuers have been under the necessity of familiarising themselves with new powers for expeditiously acquiring land given to road authorities under the Unemployment (Relief Works) Act, 1920. This Act gives no new powers of compulsory purchase, but facilitates the speedy acquisition of, and entry on, land for works of public utility, to enable provision to be made for the employment of unemployed persons.

The provisions of the Act relating to procedure may be said to comprise two parts. One relates to vacant land (Section 2) and permits entry after seven days' notice, subject to the subsequent service of a notice to treat. The other part (Section 1) extends the simplified procedure for the compulsory acquisition of land of Part III. of the Housing Acts. The powers may not be exercised until the Minister of Labour certifies that it is desirable to do so, having regard to the amount of unemployment existing in any area, and then only if the authority applying the powers could have compulsorily acquired the land, or have been authorised so to acquire it, under some enactment in force at the commencement of the Act (3rd December, 1920).

The Act relates to compulsory purchase only. Much of the necessary land has been acquired by the authorities for

road purposes without resort to the powers, but such powers naturally have their effect on the negotiations. As to vacant land, the Act in Section 2 prescribes simple procedure for entry on such vacant land required for or in connection with the construction of any arterial road or for the improvement of any road, with a view to relieving unemployment. If the Minister of Labour certifies that land cannot be acquired with sufficient expedition under Section 1 of the Act, he may certify accordingly, and then the Minister of Transport or any authority approved by the Minister may enter on such land after giving seven days' notice. This section does not extend to entry on any permanent building or structure. The provision appears to relate only to undeveloped land, and would not permit entry on a portion of the garden of a house or the yard of a factory, &c. Entry may be made after notice delivered to or left at the address of the owner and occupier, or sent by post or delivered to some person on the premises, or, if there is no person on the premises who can be so served, by affixing the notice on some conspicuous part of the premises. Any such notice may be addressed to the "owner" or "occupier" of the premises (naming them) without further name or description. There is thus no delay in finding the names and addresses of owners, which can be deferred till the notice to treat is served.

Where entry is made under this section, notice to treat has thereafter to be served and the land acquired under the provisions of the Lands Clauses Acts, as varied by the Acquisition of Land (Assessment of Compensation) Act, 1919. (See Section 7.)

The Acquisition of Land, &c., Act, 1919, contains a clause for the protection of acquiring authorities (Section 5, Sub-section (2)) enabling a notice to be withdrawn after receipt of a claim. If, therefore, a claim discloses that the acquisition of a particular area will be unduly costly, the notice may be taken back. The novel procedure of entering first and giving notice to treat after entry may possibly operate to deprive the acquiring authority of power to withdraw.

Where vacant land is entered upon under Section 2 of the Unemployment Act, it is considered the acquiring authority has no power to claim a set-off for betterment. Betterment is illusive. Buildings may sometimes be improved in value, but the examples in which betterment may occur are more numerous where vacant land is acquired. For this reason, where time permits, acquiring authorities needing to acquire vacant land will, failing satisfactory terms being arranged with a landowner, not enter under Section 2 but obtain an order under Section 1; as is referred to later.

This introduces a reference to the fact that in many parts of the country, particularly in outer suburban and semi-rural districts, owners have often recognised the benefits likely to be derived from arterial roads, and have given the land needed without payment.

The provisions of the Act relative to entry on vacant land and subsequent purchase have been dealt with first as they stand somewhat by themselves. The procedure resorted to where buildings or parts thereof are required to be taken, or where it is desired to take advantage of the provisions as to "betterment" of the Development and Road Improvements Act of 1909, is that prescribed by Section 1 of the Unemployment Act.

By this section it is enacted that the procedure relating to compulsory purchase prescribed by the Housing Acts, 1909 to 1919, for the purposes of Part III. of the Housing, &c., Act, 1890, shall extend to works of public utility, which include the construction or improvement of roads. To obtain the compulsory powers an order must be made by the local authority and submitted to the appropriate Government department for confirmation. The order must be twice advertised in local newspapers before it is submitted, and notice has to be given to every owner, lessee, or occupier, also a copy of the order supplied free of charge to every party interested in the land. Where the land does not exceed five acres and is situated in a rural district, affixing notice on the land and at the offices of the local authority supersedes advertisement.

The compulsory order is made in the form prescribed by the Housing Acts for the purposes of Part III. (New Housing Accommodation), and incorporates the Lands Clauses Acts (except Section 127 of the 1845 Act, relating to the sale of surplus lands) as varied by the First Schedule to the Housing, Town Planning, &c., Act, 1909, Housing, &c., Act, 1919, Section 11, the Acquisition of Land, &c., Act, 1919 (Market Value, Tribunal, &c.), and Sections 77 to 85 of the Railway Clauses, &c., Act, 1845 (Non-inclusion of minerals).

If no objection is made to the order, the appropriate Minister may confirm it without further enquiry unless it is considered that the land is unsuited for the purpose. If objections are made to the proposed order and not withdrawn, the Minister must order a local enquiry, at which landowners and others are entitled to be heard.

In practice it is found that the inspector holding an enquiry will pay regard to reasonable objections.

Schemes are necessarily prepared without full knowledge of the facts and circumstances of the land proposed to be acquired or of the owners' intentions as regards future development. The acquiring authority will usually give effect to the wishes of landowners so far as practicable.

Where, therefore, the proposed taking of land for a road is likely to be unduly detrimental to a landowner, and he can show that by adopting an alternative route or a slight deviation, or by any other suggestion, that economy will be made or other advantages accrue, no time should be lost in seeing the road surveyor upon it. This should be done before the scheme is made, if possible. Landowners may often obtain road deviations to save amenities they wish to preserve, particularly if they offer a *quid pro quo* such as a reduced price for the land necessarily to be taken. The benefit thus derived may often be of more value than the compensation which might otherwise be obtained for the loss of amenity. No deviation is likely to be considered where the alteration will increase the gradients of roads, or involve heavy expense due to cuttings or embankments. Increases in the sharpness of bends whereby the length of view of drivers of vehicles is decreased are disliked, and so are awkward con-

nections with existing roads. Tied points such as bridges over railways and streams can usually not be altered.

Section 1 of the Unemployment Act expressly preserves the right to take betterment into account where any Act authorising the acquisition of land contains a provision that the compensation is to be determined with due regard to the extent to which the remaining and contiguous lands of the same proprietor may be benefited by the proposed work for which the land is authorised to be acquired.

As a general proposition it is wise for a local authority to proceed under some Act which will enable betterment to be claimed.

The only general Acts containing the principle are the Light Railways Act, 1896, Development, &c., Act, 1909, and, in a restricted form, the Housing Acts (Obstructive Buildings). Various local Acts have contained special betterment provisions, such as the London County Council Acts relating to the Strand Improvement, the Act under which Kingsway and Aldwych were made, the Tower Bridge approaches, &c., and the Manchester Corporation Act, &c.

The Act under which road cases bring in betterment is the Development, &c., Act, 1909. There are many instances in which this provision has considerable effect in practice.

The problem of betterment will depend on the type of work proposed. Where existing roads which pass through unbuilt land are to be widened, the owner will look at the contemplated works to see if it is a road improvement which will also be an estate improvement. If the road has less than a reasonable width, say under 40 feet, the widening will usually be an improvement, and land to make it 40 feet wide may often be given with advantage by an owner if the council pay for the street works ; but if the road has already a reasonable width, the contemplated enlargement will be a road improvement and not an estate improvement. An owner would still enjoy his privilege of using the road—possibly a better road than before—but from an agricultural point of view it may be a great nuisance to him, or for building, as a too great width of road and the certainty of heavy traffic

may change the character of the development. Widening also often cuts into banks or otherwise alters the comparison between the level of the road and the adjacent land, which may increase the cost of development.

An entirely new road may open up remote land so that it becomes immediately ripe. It is, however, sometimes argued that houses of good class will not be erected upon the frontages to new arterial roads, and that such a road used as a starting-point for development may adversely determine the character of the utilisation of adjacent land.

Recoupment proposals, akin to betterment, appear in the Development, &c., Act, 1909, viz., the power given to acquire land on either side of a new road within 220 feet from the centre with a view to re-sale and a recoupment of part of the cost. This has not frequently been resorted to. It involves a large initial expenditure without adequate return for many years, and casts on the authorities the ownership and management of considerable areas of land.

When the arterial roads were in contemplation, it was thought that acquiring authorities might acquire narrow strips of a few feet beyond the limits of new roads so as to obtain the frontage value of the land when the new road is hereafter used for development. This would be a less expensive method of securing a share of the building value created; but I have not met any cases where this has been done.

The provisions of the Act as to the set-off for betterment have been relied on by authorities for reduction of compensation rather than the proposal of buying more land than is wanted with a view to re-sale of the surplus.

Road cases often involve the taking of a part only of land subject to a lease. The provisions of the Acquisition of Land, &c., Act, 1919, which enable the official arbitrator to apportion rents, apply to road cases.

Apportionment of rent is often differently regarded by the various interested parties, and confusion occurs between apportionment of the actual rent and apportionment of the annual value. The latter may be different, and is sometimes complicated by damage to the value of the residue by the taking of the part.

The apportionment to be made is that of the rent paid, not of the annual value, nor should the apportionment include in the reduction of rent any claim for reduced value to the residue of the property. Such loss is to be met by compensation. Whatever the agreed reduction of rent may be, the lessor will be compensated for the loss of it. If the apportionment is high, a lessee may be placed in a difficulty to establish that he has suffered any loss beyond the loss of rental value for which he is compensated by the apportionment reduction.

The practice has become common of fixing a nominal apportionment of, say, one penny a year, on the land taken, leaving the parties respectively to claim for the loss of annual value without complication by dispute as to the correctness of the apportionment of rent. Unless all the parties agree, the apportionment has to be settled by the arbitrator.

Notice to treat for a part only of a property may bring a counter-notice from the owner requiring the whole to be purchased. The Development, &c., Act, 1909 (Schedule, Section 5) contains a variation of Section 92 of the Lands Clauses Act, 1845. It authorises the acquisition of a portion only of any buildings required for the undertaking if, in the opinion of an arbitrator, such portion can be severed from the remainder of the properties without material detriment thereto. In such case the acquiring authority is not obliged to purchase the whole or any greater portion thereof, but is required to pay for the portions acquired by them, and to make compensation to interested parties for any damage sustained by severence or otherwise. The arbitrator to decide this point would be (unless the parties otherwise agree) the official arbitrator under the Acquisition of Land, &c., Act, 1919.

It will be observed, on a comparison of the wording of the Development, &c., Act, 1909 (Schedule, Section 5), that this section refers to the acquisition of a portion of "buildings," while Section 92 of the Land Clauses Act, 1845, refers to a part only of "any house or other building "or manufactory." In ordinary cases it is thought that

this distinction is not material, as "buildings" would include the garden, yards, &c., occupied therewith.

Early consideration has to be given by the valuer, after notice for a portion, as to whether a case exists for the acquiring authority to be asked to take the whole of a property, as upon the decision will depend the valuation for the claim. What is "material detriment" depends upon the circumstances in every case.

It involves the examination of two factors: (*a*) The physical effect of taking the part, and whether it leaves a residue which is incapable of reinstatement so as to render it capable of beneficial occupation according to the accustomed user by the owner; and (*b*) the effect on the value. "Material detriment" is disclosed when the damage caused by the taking of the part is so great that adequate compensation to meet the loss to the owner would be altogether out of proportion to the total value of the property.

The taking of a few feet from a garden or yard, a small piece from a front garden, or the loss of an unimportant forecourt to a shop, are cases, among others, in which the part may be severed without material detriment.

The acquisition for the site of a new road of a piece of land 80 feet deep taken from the garden behind a house was also considered practical in these circumstances. The plot was about 50 feet wide, and the front garden 40 feet deep; the back garden measured 190 feet from the buildings to the back boundary. The garden left was 110 feet deep. The land beyond was open. The parties agreed that material detriment had not been caused, and that the lessened value could be met by compensation.

In another case a good-class house in a suburb had a frontage of 200 feet to an old main road. This was the width of the land throughout the property, the depth being about 500 feet. A new 100-feet road was made and it crossed the old main road. It took the whole 100 feet from the property, that is, 100 feet of the frontage to the old main road and a strip of that width the full extent of the property. It left land 100 feet wide and 500 feet deep, with the house, garage, and outbuildings, part of the lawns and gardens, but took

away the hard tennis court, greenhouses, lawns, &c. The new road was to be constructed within 5 feet of the side windows of the house including those of the drawing-room and billiard-room, and was raised on a bank a few feet above the level of the garden. In this instance the owner served a notice claiming that the land could not be severed without material detriment. The acquiring authority accepted the notice and acquired the whole.

Extreme cases occur where the identity of a building is destroyed so that it can no longer be reasonably occupied. The whole must clearly be acquired if a portion of the structure of a house is taken, bringing about the rebuilding of the residue in a restricted way and on a different plan, or where the entirety is destroyed, or where the circumstances are such that, if under Michael Angelo Taylor's Act, the authority could be required to take the whole.

In practice the problem is often one of expediency. The service of a counter-notice enables the notice to treat to be withdrawn. If this is not practical, the acquiring authority will usually take the whole property where the damage is serious, and recoup such part of the cost as is possible after the works are completed; this will frequently be cheaper than contesting the right of the owner to compel the taking of the whole, as even if the authority succeeds, the owner will still be entitled to be adequately compensated for the reduced value of the portion left.

It is often fairer for the authority to buy the whole and take the risk incident to the re-sale of the residue after the works are completed.

Sometimes it happens in practice that one party interested in a house, &c.—as, for example, a lessee—will compel the whole to be taken, while another party, perhaps the freeholder, will suffer the part to be acquired.

The section relates to material detriment to the buildings, not to the owner or occupier. A case occurred in which an old house with large gardens occupied an unusually isolated position not far from a large town. It had been secured, after long search, for the purposes of a rest home for patients requiring exceptional quietude, and was purchased and occupied for

such purpose. A small portion of the garden was needed for an arterial road. It was recognised that the advent of the road would change the character of the property by depriving it of the accustomed quietude, and render it unsuited to the present occupier, and, in fact, the property was vacated; but it was considered no case existed to require the authority to take the whole property, because the material detriment was not caused to the property but to the particular occupiers.

Accommodation works need to be considered when a part only of an owner's land is taken. Any such works provided by the authority will reduce the damage to an owner's remaining land. In railway cases an owner can compel the provision of gates, fences, drains, &c., by virtue of Section 68 of the Railway Clauses Act, 1845. There is no similar statutory enactment in regard to roads, but in practice the acquiring authorities are willing to carry out reasonable works in order to minimise the owner's loss. If this were not done, the owner could specify suitable works and demand their cost in his claim. It is more satisfactory for the acquiring authority to do the work for many reasons. Works commonly carried out include the replacing of boundary walls and fences, the provision of gates and accesses, planting of hedges, alteration of land drains, culverts, house drainage and sewers, the provision of retaining walls, and the maintenance of banks and slopes.

As to new fencing, the authorities usually offer cleft chestnut or empire fences, both of which are inexpensive, with or without live fences planted on the owner's side. Existing park fencing demolished, ornamental fences, boundary walls of gardens, &c., are usually reproduced.

Owners commonly stipulate for full-frontage rights upon the new road for remaining land and that the road is to be dedicated to the public without cost to the frontager, with the right to lay sewers in the new road, and that public services such as gas and water shall be permitted therein. Further, if only a portion of the land acquired is for the time being to be metalled, they claim the right to cross the unmetalled strip to reach the metalled portion. All these rights are

usually conceded. Where strips are taken for slopes or banks, owners usually endeavour to arrange that the freehold thereof shall not be acquired, so that there may be no barrier between remaining land and the road. Sometimes the authority insists on retaining the fee, giving, however, rights of access, drainage, &c., over the strips.

The basis of the compensation to be paid for land to be acquired for road purposes is always that set out in Section 2 of the Acquisition of Land, &c., Act, 1919, namely : (1) No allowance for compulsory purchase ; (2) market value as defined, with the right to consider assessments of capital value for taxation ; (3) the limitations of value due to special adaptability, the special provisions as to reinstatement, &c.

The provisions of the Act as to the basis of value do not affect the assessment of compensation for disturbance or any other matter not directly based on the value of the land. Therefore, where an entire property is taken so that the owner in occupation is compelled to vacate, his claims for disturbance and compensation for loss, be it removal or trade loss, or loss consequent upon any forced sale of stock, &c., appear not to be affected by the Acquisition of Land, &c., Act, 1919.

The instances where the whole of a property is taken are, by comparison, few. In the majority of road cases vacant land, portions of gardens, forecourts, yards, &c., are required, and the assessment of the compensation is often difficult.

The valuer must acquaint himself with the proposed levels of the new road to ascertain if the residue of the claimant's land will be left either above or below the land. In practice it has often been difficult to obtain this information, as the engineers' sections are not always complete when the notice is received. The information is, however, essential.

The penal provisions as to costs of the Acquisition of Land, &c., Act, 1919 (Section 5, Sub-section (2)), require a claimant to give details of the compensation claimed, distinguishing the amounts under different heads, and showing

how the amount claimed under each head is calculated. It does not, in terms, prescribe that the claim shall state separately the value of the land, but that is usually assumed to be required.

There would appear to be no difference in principle between the valuation in a claim for land required for an arterial road, a by-pass road, or the widening of an existing road, although naturally the measure of compensation may be affected by the anticipated use to which the road will be put, and the effect on the value of the amenities of any land left.

The actual valuation in these cases often resolves itself into an estimate of the present value of the property contrasted with an estimate of the future value, the difference being the compensation, which will include both land value and injurious affection. It is often difficult to separate the value of the land from the estimate of damage.

In assessing compensation for a portion of a property taken, the owner is entitled to be paid for any loss which the property will suffer by reason of severance and also for injurious affection consequent upon the use to which the land taken will be put. From this it appears that if an arterial road will bring additional traffic of a nature likely to affect the enjoyment and amenities of a private residence, due compensation may be claimed. As it may be anticipated that any arterial road is intended to carry heavy traffic which may occur at night as well as by day, the noise, and loss of privacy, may have a serious effect.

Sometimes also the taking of a ribbon strip from an estate will seriously interfere with contemplated building development, and cases have occurred in practice where development actually in progress has been destroyed. It often occurs that the land acquired leaves insufficient depth of vacant land for building plots. Sometimes the construction of an arterial road in a cutting or on a bank offers a barrier to proposed estate development roads.

A frequent problem in road cases where a piece is taken from valuable frontage land is as to whether the price to be paid is for front land or for back land. If a corner site has

a frontage of, say, 50 feet to a valuable trade thoroughfare with a depth of 60 feet, and adjoining it land fronting the side street belonging to the same owner, the land required being a strip from the shop frontage, does the acquiring authority, although it takes front land, carry the element of value with the frontage which they set back, and so, by pushing back the front land, deprive the owner only of the value of back land? The problem is apparently unsettled. If the land is being bought under an Act which incorporates the betterment principle, the theory may be strengthened; but every case naturally must be decided on its own merits.

Where private forecourts to shops are taken, compensation is claimed and in most cases paid. To some traders forecourts are of distinct value, giving them opportunities for the display of goods. The essence of value of display is that it shall be within view of the floating population. Where a few traders occupy the forecourts, the neighbours have usually to follow suit, or they become embayed away from the stream of foot traffic. It is in poor-class districts that forecourts are mostly used. Chemists and other trades cannot use a forecourt. If a street is capable of improvement, it is often argued by acquiring authorities that the general value of the shops will be enhanced if the forecourts are removed. This, however, is not always an argument which appeals to the individual proprietors whose forecourts it is proposed to take. There is a small point in these cases that the cost of maintenance of the forecourt is transferred from the private owner to the public authority. Sometimes forecourts are lost by implied dedication to the public evidenced by public use coupled with repair by the public.

In widening cases the existence of cellars under forecourts and pavements will have a bearing on the claim. The loss of storage space, coal cellars, w.c's, and even show space or restaurant space, as is common in cities, may be important. Road authorities will usually permit cellars under footways to be reconstructed provided they keep well inside the kerb and have sufficient cover, say 2 feet 6 inches.

A notice to treat in ordinary cases will include minerals

under the land to be acquired (Land Clauses Acts, 1845, Section 3) unless provision is made in the special Act to exclude minerals. The statutory form in which the exclusion of minerals is brought about is by incorporating Sections 77 to 85 of the Railway Clauses Acts, 1845. This is done in the Development, &c., Act, 1909, so that land purchased by an order under this Act pursuant to Section 1 of the Unemployment Act will not include minerals. If bought under Section 2, minerals apparently are usually regarded as included in the notice to treat, if belonging to the same owner. The point is of importance in mining districts, as the acquisition of the strip with minerals might make a barrier in the underground workings. An authority having entered on the land subsequently serving notice to treat might receive a heavy claim for minerals.

In many districts where minerals exist it is the habit of local buyers to pay the full value of the land even though it may have no right of support, and mining operations may let down the surface without any right of compensation. If the acquiring authority pays the full value for the land as building land and thereafter has to acquire the right to support, payment is made twice over. Acquiring authorities, therefore, in mining districts, stipulate for rights of support when settling terms for land, unless, of course, their powers give protection such as by incorporating the Railway Clauses Acts, 1845, Sections 77 to 85. If there is no right of support, authorities will offer less for the land, or, in the event of dispute and reference to arbitration, produce evidence as to the risk of subsidence and the cost of obtaining support.

Much time is often spent in preliminary negotiations prior to the service of a notice to treat, and often a proposed purchase is abandoned through a change of route. Sometimes acquiring authorities negotiate for land upon an alternative route for a road when strong objections have been received to their original proposals. Terms arranged for one owner on the alternative route will not be carried out unless negotiations can be successfully completed with all the owners on the new route. If the negotiations are not

completed, no costs are payable by the proposed acquiring authority for any of the landowner's expenses.

Where an agreement is come to with the acquiring authority, either before or after notice to treat, the usual practice is for the acquiring authority to pay the fees of the claimant's surveyor on Ryde's scale. Having regard to the complicated nature of the surveyor's duties in these cases, this scale is often inadequate remuneration.

In contested cases the provisions as to costs contained in Section 5 of the Acquisition, &c., Act, 1919, will apply. These relate principally to the costs incurred after the unconditional offer of either side. The acquiring authority may deduct costs, which a claimant is ordered to pay, from the amount payable by the claimant as compensation, or may recover the costs as a civil debt.

It is the practice of most acquiring authorities to serve an unconditional offer. The offer should be of the full amount which the arbitrator is likely to award. The claimant is wise if he also gives to the authority an unconditional offer of the minimum sum which he will accept, which should be the sum he considers the arbitrator is likely to find him entitled to. Unconditional offers in practice often save resort to arbitration, and it is frequently desirable to serve them before applying to the reference committee.

As regards legal costs, road cases often involve a considerable amount of preliminary work which the acquiring authority recognises, the amount to be paid being settled between the solicitors to the respective parties. For the costs of conveyance, the Lands Clauses Acts provide payment. In road widening cases, however, the authority is frequently content to act without taking a conveyance, as the dedication of the road to the public satisfies their needs.

A valuer's interest in a new road will not cease with the settlement of the compensation for the land or the construction of the road. Valuers will want to learn how a new road influences land values in the area it has traversed, and the effect of by-pass roads upon values in congested and business areas which have been avoided.

Many of the arterial roads will open up rural and suburban areas for development. Others will damage and destroy small building estates on their route. Many residential properties, both large and small, will lose their amenities. Some will be brought earlier into development. Road widenings will usually have only a local effect, but by-pass roads, constructed for the express purpose of avoiding busy trade districts, will have a slight tendency to damp down the augmenting values found in such positions. Usually, however, the effect of the diversion of traffic by such roads will be less apparent than in certain other types of traffic changes, notably the diversion of traffic below ground by tube railways, and the construction of electric tramways, which have tended to concentrate values at the stations and stopping places. The full effect of road works upon values will, however, not be displayed for some time after the works are complete.

Paper 490.

# CURRENT COMPENSATION QUESTIONS IN CONNECTION WITH LAND RETURNED BY GOVERNMENT DEPARTMENTS.

By C. Gerald Eve (Member of Council).

When Government departments surrender and return to the real owners and occupiers the lands which they commandeered or requisitioned during the war, claims for compensation generally arise under two heads :—

(*a*) Rent and damages that accrued during the department's continuance of possession after the official end of the war (31st August, 1921) ;

(*b*) Restoration and/or compensation for damage done.

For a proper appreciation of the principles and procedure concerning these claims a study is necessary of the following statutes : —

Defence of the Realm (Acquisition of Land) Act, 1916.
do. do. do. 1920.
Acquisition of Land (Assessment of Compensation) Act, 1919.
Indemnity Act, 1920.
Railway and Canal Commission (Consents) Act, 1922.

The existence of the last-named Act is not so well known as it should be.

In the short time at my disposal I propose to deal only with the more intricate points and to avoid mention of the more elementary ones.

The Losses Commission, which awarded compensation as an act of grace for direct loss and damage suffered by reason of direct and particular interference with property or business, was, on 16th August, 1920, re-styled " The War " Compensation Court," and it was provided that a Judge of the High Court should be its President (Indemnity Act,

1920, Section 2 (5)). This Court was empowered to award compensation on the same principles as those upon which the Losses Commission had acted, but the new Court awarded compensation as of right under the authority of the 1920 Act and not as an act of grace like the Losses Commission.

The War Compensation Court's statutory authority was, in the view of many, confined to dealing with loss or damage occurring "during the war," viz., up to 31st August, 1921 (the legal determination of the war), inasmuch as the provisions of the Indemnity Act, 1920, did not override Section 1 (3) of the 1916 Act. This very important point of law was submitted to counsel (the late Mr. A. F. Wootten, K.C.) by the Council of our Institution, and the case and his opinion can be found in the *Journal* for November, 1922, and he entirely supported the view above stated.

Consequently it has always been my practice to have recourse to the War Compensation Court for loss or damage occurring before 31st August, 1921, but for loss after that date to proceed under Section 1 (3) and Section 8 of the 1916 Act, namely, to arbitration.

The Court, however, are in fact continually dealing with the period after such date, and the Court and the Government departments encourage the practice; but there is no doubt that many claimants are totally unaware of their right to go to arbitration under the 1916 Act.

I am certain that surveyors will agree with me in thinking that at least claims in respect of restoration and compensation for dilapidations can be better, quicker and less expensively tried by an expert arbitrator who inspects than by a Court who, as a rule, do not view but only hear witnesses.

It was clearly the intention of Parliament in 1916 that though the landowners and tenants must, during the war, be expected to get rough-and-ready justice, and perhaps less than full compensation from the Losses Commission for land taken and used for war purposes, yet, on the termination of the war (which termination was in the events dated by statute 31st August, 1921, or nearly three years after the actual termination), they should secure full

and proper "rent" and compensation for any continued Government occupation when peace had been thoroughly established, and to that end Section 1 (3) of the 1916 Act enacted that—

> "The occupying department shall pay such rent in respect of any land which continues" [*i.e.*, *after* the war] "in their possession, and such continuance shall be upon and subject to such terms and conditions, as to compensation or otherwise (including compensation for any depreciation attributable to works and buildings not removed), as, failing agreement, shall be determined in manner provided by this Act."

Now as to "the manner" so provided. The provision was in Section 8 of the 1916 Act, which in effect said :—

> Section 8 (1) (*a*).—If both parties *agree*, by a single arbitrator agreed by the parties ;
>
> Section 8 (1) (*b*).—If either party so *requires*, by such one of a panel of referees to be appointed in like manner as the panel appointed under Part I. of the Finance (1909-10) Act, 1910, as may be selected by the Reference Committee as defined by Section 33 of that Act ;
>
> Section 8 (1) (*c*).—In any other case, by the Railway and Canal Commission.

But as regards (*b*) above, it must be remembered that Part I. of the Finance (1909-10) Act, 1910, was repealed in order to repeal the famous land taxes.

The question arose, therefore, as to whether (*b*) above had "gone" also *qua* the 1916 Act. In other words, whether Section 8 (1) (*a*) and (1) (*c*) alone remained as tribunals.

Further, did the panel of referees, set up by the Acquisition of Land Act, 1919, take the place of Section (8) (1) (*b*) of the 1916 Act ?

A summons was taken out before the Railway Commission Court, and on 17th December, 1924, in the case of *Sir H. Malet and Eyre Matcham* v. *Secretary of State for War*, the Court held that they had jurisdiction to hear claims arising

under Section 1 (3) of the 1916 Act (*i.e.*, for rent and compensation in respect of continued Government occupation, and arising after 31st August, 1921), and that the Crown could not require the claimant to refer the claim to one of the panel of referees under Section 8 (1) (*b*) of the 1916 Act, because such panel had "gone" by reason of the repeal of Part I. of the Finance (1909-10) Act, 1910.

The Court also held that they had no jurisdiction to try claims in respect of Government compulsory purchase or acquisition under the 1916 Act, because the panel of arbitrators under the 1919 Act were appointed for that purpose. Consequently, if the Court are right, a claimant under Section 1 (3) of the 1916 Act must go to the Railway Commission unless the Crown, and he can agree on a single arbitrator under Section 8 (1) (*a*).

There are undoubtedly many cases that could best be heard by such Court; but, on the other hand, there are as many cases which could be better dealt with by an expert surveyor-arbitrator. In these latter cases it is to be deplored that neither party can *require* such an arbitrator, but can secure one only by the agreement of the other party.

While on this point of arbitrators it is interesting to note that an official arbitrator under the 1919 Act (who, *inter alia*, decides disputes as to compensation for land compulsorily acquired by the Government under the 1916 Act) may be sitting to decide such a dispute, and, in addition, the claimant happens to have a second claim for rent and compensation in respect of the Government's continued possession or occupation from 31st August, 1921, up to the date of the notice to treat. Now such second claim is under Section 1 (3) of the 1916 Act, and, as explained above, should be referred, under Section 8 of the 1916 Act, either to an agreed single arbitrator or to the Railway Commission. The question has arisen whether the official arbitrator appointed under the 1919 Act may, by agreement, be appointed such agreed single arbitrator, and thus hear such second claim, or whether his appointment as a whole-time arbitrator to deal with cases arising out of the 1919 Act debars him. (See Section 1 (3) of such Act.)

In a recent case the Reference Committee informed the Treasury solicitor that there was no objection to the official arbitrator hearing and deciding the second claim. While such a course may be convenient and tend to economy in costs, yet the official arbitrator will in effect be doing work that otherwise would reach a surveyor in private practice.

Turning now to quite another point—the Government department, let us assume, occupied commandeered lands until 31st August, 1923, and during the last six months of such period applied to the Railway Commission Court for, and was granted, leave to occupy for a further period up to 31st August, 1924.

Whilst the land so continued in their possession the Crown serve, say on 15th August, 1924, a notice to treat for its compulsory purchase.

The 31st August, 1924, arrives, and the prescribed period for the department's possession expires; nevertheless, the department stays in possession, apparently because of the service of the notice to treat. In my view the department are trespassers after, in the case assumed, 31st August, 1924, and there is nothing in the Railway and Canal Commission (Consents) Act, 1922, that gives them authority to continue in possession until completion of the purchase.

I believe the Crown cannot be sued for trespass, and petitions of right are expensive and prolonged remedies.

The subject, in effect, is powerless, and can but sit and watch the trespass.

If the owner enters the land and physically obstructs the Government occupation, it may well be that he himself is a trespasser, inasmuch as his former tenant of pre-commandeering days is still the legal tenant and legal occupier; but in his claim for rent and compensation during the period of occupation the landowner should certainly claim also for this period of trespass, and should claim heavily; and if the Crown instruct counsel to resist, as a point of law, an arbitrator awarding damages for trespass, or even rent or compensation for the period of trespass, on the ground that only rent and compensation in respect of the lawful possession during the period in question is within the jurisdiction

of the arbitrator, then at least we shall know that not only does the Crown indulge in trespass, but adds also to the injury by declining to pay any consideration for the period of trespass. Parliament might then be persuaded to move in the matter.

No one wished during the real period of the war to hamper or be meticulous with Government departments, but in the year 1925 there seems to be no justification for the exercise of arbitrary administration, and many of us have watched with interest and welcomed the protection to His Majesty's subjects that has been and is being afforded to them by the decisions of the Railway Commission Court, presided over by Mr. Justice Sankey.

The last point I deal with is as to the meaning of Section 2 (2) of the 1916 Act, which reads:—

> "Where any building or work has been removed under the powers conferred by this section, the occupying department shall cause the land to be restored to the condition in which it was before the building or work was erected or constructed, or shall, if the persons interested in the land agree, or the Commission consent, instead of so restoring the land, pay such compensation in respect of the depreciation (if any) in the value of the land attributable to the disturbance of the soil as in default of agreement may be determined in manner provided by this Act."

Assuming "the persons interested" have not agreed, and that the department has gone out of possession, and has not during its possession applied to the Railway Commission for consent to pay compensation in lieu of restoration, what is the landowner's position as to insisting upon restoration instead of compensation?

The Railway Commission may have extended the department's period of occupation to a fixed date "with liberty to "apply"; nevertheless, the department has gone out of possession, and did not apply for further possession. Can the Crown, after going out, apply for the consent to pay instead of to restore, or must the application have been

made before it went out of possession and while it would have been open to the department, as occupiers, to execute the restoration ?

To attempt to re-enter in order to restore would be to trespass. Therefore the two alternative actions are not open to the department after it has given up possession, and it would appear to be frivolous to apply to the Railway Commission Court to choose between two alternatives if at the time the department can in fact perform only one of them.

The argument, therefore, is that, through failure to apply to that Court while in possession, the department has, as it were, committed a breach of covenant—the covenant being the statutory and primary obligation to restore—and is liable for damages for breach, such damages, of course, being the estimated cost to the landowner of restoring the land, whether or not the owner in fact contemplates doing such work ; a parallel to dilapidations claimed on the determination of an ordinary repairing lease.

The point of law is important, because it may well cost £10,000 to restore 5 acres of land worth but £250.

My own practice is to drop this point of law if fair compensation can be agreed without recourse to arbitration, &c., on the basis of—

(*a*) Full value of the land destroyed ;

(*b*) Consequential injury to the rest of the estate by the presence of the eyesore caused by the ruins ;

(*c*) Capital value of the drainage rates, tithe, land tax, and annual cost of weed-cutting and maintaining through-drains and ditches (which are needed for neighbouring unspoilt lands), all of which the owner must incur on the destroyed land, the revenue from which will be " nil " ;

(*d*) The department paying for the restoration of certain essential things, such as unblocking roadways, removing obstructions to former means of access or

to ditches or land drains; in other words, where restoration is cheaper than the damages which would flow from non-restoration.

I feel sure members of The Institution will agree that, in a normal case, if fair compensation can be obtained on these lines, it is but proper not to seek for £10,000 when the actual injury can be measured by £250 plus items (*b*), (*c*), and (*d*). But there is no doubt that we can properly use the point of law as a lever in securing fair compensation, and thereby perhaps save our clients the costs of fighting their claims.

VOL. LVII. PART IV.

# TRANSACTIONS

OF THE

# SURVEYORS' INSTITUTION

SESSION 1924-1925.

AT THE ORDINARY GENERAL MEETING

*Held on Monday, 9th February*, 1925,

A DISCUSSION took place on three Papers entitled

## CURRENT COMPENSATION PROBLEMS

**in connection with—**

**(1) TUBE RAILWAYS, by Frank Hunt, C.V.O. (Member of Council);**

**(2) ARTERIAL ROADS AND ROAD IMPROVEMENTS, by Sydney A. Smith (Fellow);**

**(3) LAND RETURNED BY GOVERNMENT DEPARTMENTS, by C. Gerald Eve (Member of Council).**

Sir EDWIN SAVILL, O.B.E. (President), in the Chair.

Mr. FRANK HUNT, C.V.O. (Member of Council), in indicating the scope of his Paper, desired to point out two mistakes, which occurred in the print, for the purpose of getting them on the notes. On page 110, six lines from the bottom, the sentence occurred, "Notice of the intention to carry out the "works need not be given to the owners affected." After

the word "works" the words "at least in London" should be inserted. Then on page 114, at about the middle of the page, the word "Act" had been spelt with a capital A. It should have been spelt with a small "a."

Mr. Leslie Vigers (Past-President), in proposing a hearty vote of thanks to Mr. Hunt for his Paper, said he had read the Paper with great interest, and he congratulated Mr. Hunt on the researches he had made with regard to what he said were the rights of a railway company in connection with the purchase of land.

Personally he was not going into any question of law, because he was not a lawyer; he was only going to speak of practice. As far as he personally was concerned, the practice which he had adopted was that which Mr. Douglas Young had started in the early days of the City and South London Line. Mr. Douglas Young and himself had together from time to time carried out the settlement of cases on the basis of what they considered was the just and right principle, and they had been successful in the settlement of hundreds of claims. No doubt he was very wrong in saying it, but until the matter had been settled by the highest tribunal in the land, whatever the law might be at present, he intended to go on in the same way; and, in fact, he was still going on settling cases every day.

He asked the members to pass a very hearty vote of thanks to Mr. Hunt for all the labour and trouble he had taken in preparing his Paper.

The Hon. Stafford Cripps (Visitor) said he felt it a great privilege to be asked to second the vote of thanks to Mr. Hunt for his Paper. It was very pleasant to hear Mr. Hunt laying down the law in order that others might learn. One would have noticed, if Mr. Hunt had read his Paper, what a very small number of decided cases there had been before the Courts on the subject, and, personally, he thought that fact was a great tribute both to the law and to the arbitrators, and also to the Courts. It showed how extremely efficient arbitration was in such cases, and

it showed with what great ability those arbitrations had always been carried out.

There were two points on the Paper which he might mention from the legal point of view. The first one was the question of how far a lessee's interest went. He did not think it could be doubted that, in the case of an ordinary lease, the lessee had an interest in all the subsoil, the subsoil being defined as that which extended from the soil to the centre of the earth, unless, of course, there were some special reservations in the lease reserving the subsoil to the lessor. Therefore the lessee would have that interest in the land which was taken, or the easement which was granted, which would justify him in claiming as regarded injurious affection for such injurious affection to his property where land had been taken.

With regard to the question of the conventional rate, although that had not the authority of any decisions of the Courts behind it, he thought that its authority was based on the practice to which Mr. Leslie Vigers had referred, and which had gone on for many years.

Mr. Hunt had mentioned at the end of his remarks that the railways were not a public authority, and that therefore the Acquisition of Land Act did not apply, but he (the speaker) thought that one had got to prepare one's mind for the state of affairs which would very shortly arise. The Railway Rates Tribunal now being able to fix the rates, the time must very soon come when the railways would ask to be allowed to come into the category of public authorities, because their profits would in fact be limited to a certain remuneration on their capital, and they would really be in the same position as the Metropolitan Water Board, which had already been admitted into the category of public authorities under the Acquisition of Land Act.

He had much pleasure in seconding the vote of thanks, and to say how much obliged he was to Mr. Hunt for the information which there was in his Paper.

Sir JOHN OAKLEY (Past-President) desired to add his support to the vote of thanks to Mr. Hunt. Mr. Hunt was

a marvellous man. However he found time, with all his work at the London County Council, and with all his other multifarious duties, to write such a Paper as he had, he personally did not know.

The Institution that evening had had the advantage of a legal seconder of the vote of thanks, and he had been very glad to hear that in the opinion both of Mr. Hunt and of Mr. Cripps the lessee had an interest in the subsoil. As far as his own investigations into the matter were concerned, he could entirely bear out what Mr. Hunt had stated in his Paper, namely, that it seemed never to have been definitely legally settled what was the position of a lessee. Personally he could not conceive that he had no interest. When it had come to the crux, however, the point had generally been shelved, and no definite legal decision had been stated. He thought the point of the interest to the lessee had been recently brought home to surveyors much more closely than it had been when the tube railways had been first promoted. Within the last few weeks he had been appointed by the Board of Trade to deal with some fifteen cases under the Lands Clauses Act, by which he had had to decide what sum should be deposited to enable the company to take possession so as to proceed with their work. Some of the parties in those cases were freeholders; some were lessees in the nature of a building lessee, and others were tenants of rack-rented premises. The members knew that the custom of tube railways now was to ignore a lessee altogether, but to say, "We will give you the benefit of the "clause by which you have the right to claim for any con- "sequential damage arising within two years from the "opening and working of the line." The line to which he was referring particularly was very different from some tubes in the following respect: The original tubes, he thought he was right in saying, were constructed up to a depth of some 80 feet below the surface to the crown of the tube. In no case with which he had been dealing had the crown of the tube been more than about 36 feet below the surface, and in more than one case the tube was only 24 feet below the surface. He thought that emphasised the im-

portance of the lessee's interest. Up to the present, as the damage to the interest was considered infinitesimal, it had not been worth the lessee's while to contest it, because the tube was 70 or 80 feet deep; but when it came within an appreciable distance of the surface, as he had instanced, then he thought the lessee had seriously to consider what his interests were.

Under the terms of the appointment of the Board of Trade, one was not entitled to take into consideration any agreement which might be entered into voluntarily, but not under the statute, by the promoting company. Therefore he could not take into consideration, in his humble opinion, the clause which the railway companies would give, and he had felt it to be not only his duty, but judicially right, in all those cases, to give something for the interest, whether of the freeholder, the long lease, or the holder of the short lease.

One other point which he thought might be of interest to the members was the basis of the compensation, and how it should be arrived at. It was true that there had arisen a customary recognition of the compensation which should be paid by the railway companies to the freeholder. That, as the members knew, was £1 a foot run, and had, he believed, arisen in consequence of an original award by Mr. Ralph Clutton. He had never been able to ascertain that Mr. Clutton had expressed an opinion that he had arrived at his decision on that basis. It seemed to him, personally, that the way that £1 a foot run had been arrived at was by taking the total of Mr. Clutton's award, dividing it by the number of feet, and finding that it came to £1 a foot. His own view was that there was no hard-and-fast basis which could be applied to those cases. Each one had to be dealt with on its own merits; it might be 5*s.*, it might be £5, or it might be more or less. In his opinion it was not right, and it was not fair compensation to say that because there had been a custom, more or less recognised, of a fixed price per foot that that should apply in every case.

He desired to refer to one other point which had been put before him in a case during the course of evidence, and

which had occurred to him as providing a possible way of arriving at some of those compensations. Two claimants had ascertained that by applying to Lloyds, or a recognised insurance company, they could obtain an indemnity policy against damage sustained by the working of the railway company, and they had ascertained what that premium was. They then said, "We have a term of 10 or 50 years"—or whatever it might be—"and we think a fair basis is that "you should allow us as compensation the capitalised "premium for the number of years which you think would "be a fair term, after which there will be no risk of damage."

Sir H. Courthope-Munroe, K.C. (Associate of Council), said unfortunately he had not had the opportunity of reading Mr. Hunt's most excellent Paper until he had come there that day. He had been asked to speak only on Mr. Smith's Paper, which he had read. Since the meeting that afternoon, however, he had read Mr. Hunt's Paper, and he had been extremely struck by the very excellent history which Mr. Hunt had produced of the procedure in regard to tube railways. As counsel he had been engaged in connection with the Central London Railway Bill in 1890, and had been engaged also in a very large number of compensation cases which had arisen in connection with that Act; and he had followed Mr. Hunt's Paper with extreme interest, because Mr. Hunt had traced the history step by step. He had done that, not only in respect of the City and South London Tube, the first made, but also in regard to the Central London Tube, and in regard to every one of the tubes which had followed.

There were only one or two points on which he wanted to touch, but they had been so admirably dealt with by Mr. Cripps that his thunder had been stolen. He was entirely of Mr. Hunt's and Mr. Cripps' opinion on the question of the leaseholder's rights. It seemed to him that there clearly had not been any decision saying that a leaseholder had not any interest. To his own mind, obviously, a leaseholder must have an interest; the only question was *quantum*. Taking, as was the best way, an extreme case: supposing one got a case of a London lease of 999 years, and

supposing one had a claim for damage, not where the line was 80 or 100 feet below the surface but 20 feet or so, it would be ridiculous, both in fact and, as he would submit, in law, to suggest that the leaseholder who was really going to suffer the damage had no claim, but that the freeholder's heirs, thirty generations or so removed, were the persons to compensate. To his mind that was ridiculous.

He regretted exceedingly that the Papers submitted that evening had been taken as read. Speaking for himself, he thought it would have been very much better if the Papers, which had been prepared by experts, and which were so full of interesting matter, had been read and carefully followed by the members, and then debated by gentlemen getting up and making their points upon them. As it was, a great deal of Mr. Hunt's erudition would be lost, unless the members took the trouble to read his Paper when they got home; but even so, points would no doubt occur to them which it would be then too late to expatiate upon.

Mr. R. Ashford Dash (Fellow) said his experience was that the "conventional rate" had never been assumed to apply to cases where the railway was so near the surface as Sir John Oakley had talked about. He did not think it applied where the railway came nearer the surface than 40 feet or so.

As to the point which Mr. Hunt had raised about the legal position with regard to lessees: personally he was not a lawyer, but the surveyors' profession was a profession of practical men, and they had been able to get things through very often when the law had been uncertain. That had been the case, he thought, in connection with tube railways; surveyors had managed to get their cases through very well up to the present time.

He desired to join in the vote of thanks to Mr. Hunt, who had taken a great deal of trouble about the matter, and had dealt with a great number of subjects and points which were very interesting to members.

The President then called on Mr. Sydney Smith to present his Paper.

Mr. Sydney Smith said the title of his Paper was "Current "Compensation Problems in connection with Roads." The current compensation problems were really variations of the old procedure with which the members were accustomed under the Lands Clauses Acts. Some of that procedure remained, but much of it had been varied by new Acts, principally the Unemployment Relief Works Act, the Development Act of 1909, and the Acquisition of Land Act. In the Paper he had dealt to some extent with those measures, and had treated the various problems which arose in every surveyor's practice in connection with road acquisitions. He also dealt with such subjects as the apportionment of rent, accommodation works, variations of Section 92, betterment, and so on. The items included were so numerous that he could hardly deal with them at all usefully in a short *resumé*. He thereproposed, with the President's permission, at once to leave the Paper with the members for discussion.

Lieut.-Colonel C. H. Bressey, C.B.E. (Fellow), in proposing a vote of thanks to the author for his Paper, said it was extremely useful for the members to have laid before them by acknowledged experts in those different subjects the data which they all needed in their every-day work. He was extremely glad, speaking personally, to have had the advantage of reading Mr. Sydney Smith's Paper, and he knew the members agreed with him that they owed their hearty thanks to those gentlemen who took the trouble to sort out those particulars and to present them in a compact form to which the members could readily refer.

The subject of arterial roads was one which presented particular interest to himself, and he could speak, perhaps, with some knowledge in expressing his admiration for the way in which Mr. Sydney Smith had marshalled the data.

Turning to broader issues, he would like to comment on the somewhat light-hearted way in which Mr. Sydney Smith had coupled two terms, which, in his own judgment, ought as a rule to be peremptorily divorced on the ground of incompatibility of temperament, namely, the words

"arterial roads" and "compensation." He should very much have liked to have had a Paper on perhaps more masculine and vigorous lines, with some such title as "Arterial roads, and owners' contributions thereto." He thought the reference to compensation as a necessary concomitant of arterial roads was somewhat morbid, if he might use the term. There were, of course, a few grievous cases where an owner might consider he was slightly injured by the course of an arterial road, but these were exceptional, like those cases in medical practice which slipped through the doctor's fingers and were relegated to the cemetery. They should not dwell on such cases, but pass them by in grief and silence. For these reasons he thought the coupling of the two terms "arterial roads" and "com-"pensation" was to be regretted. If his other suggested title had been adopted, there might have been some lively discussion as to the basis on which the owner's contribution should be levied, and some formula might have been put forward by Mr. Frank Hunt, who had strong views on that subject.

What logical basis of compensation could be propounded in the case of an owner who, by the grace of Government and the local authorities, was gratuitously relieved of the task of creating roads for the development of his estate? Looking back to the old days before the war, when he knew something of the methods of estate development, and when he saw landowners at their own unaided cost laying out their estates, providing roads, and frequently paying very large sums in order to obtain access to adjoining estates, he was struck with surprise when confronted nowadays with the question of compensation to landowners. In those good old days before the war, owners bore unquestionably the whole cost. The issue, he thought, tended to be obscured by the use of that unfortunate term "arterial." Like other professional men he had used the term; but he had not the least idea what it meant. He had often wondered. As a general rule it seemed to him to serve as a useful peg on which to hang a claim for compensation. The claimant gave one to understand that if it were an ordinary highway,

he would be able to deal with the case with his customary generosity; but unfortunately it was an arterial road, and therefore other factors came into play.

Now that a number of these so-called arterial roads were open to traffic, it was possible to judge them on their merits for what they were, and not for what they were misrepresented to be, and it was possible to examine the features which distinguished them from the older roads to which people were accustomed. Those older roads, generally speaking, were fortuitous, haphazard, tortuous and accidental, the result of growth and not the result of design. They offered very little convenience to traffic, and the traffic inflicted inconvenience upon the frontagers owing to the narrowness of the road and the consequent proximity of the traffic to the fence or to the front of the house. The so-called arterial road (and again he admitted he did not know the meaning of it) was a carefully designed and purpose-made highway, so formed as not merely to provide convenience for traffic, but also to prevent traffic inconveniencing the frontagers along the road. While the old highway was extremely narrow and had no refuge for foot passengers except some narrow ledge at intervals, the new arterial road had a wide footway and a grass verge, so that wayfarers could plod along in safety, and the traffic was kept at a safe distance from the fence—20 feet in many cases. If adequate building lines were enforced along those new arterial roads, as they certainly orght to be, frontagers would be spared the clatter and vibration of traffic from which they had suffered in the past; consequently the houses would enjoy priceless blessings of quietude which they did not possess along the present roads; and, owing to the width of the road and a decent building line, they would have the benefit of light and air in a degree which was scarce nowadays.

Thus in every way the arterial road conduced to the advantage of the landowner through whose land it passed. It was to be regretted, therefore, that the term "arterial" was so often used with what he might call a sinister accent. In his excursions round our great towns he did not find that

the builder was looking askance at frontages along those arterial roads, and he also observed that land agents were by no means shy of stating that their land possessed the unspeakable advantage of a frontage to those roads. Indeed, he had heard some days ago of a curious instance where the proposed line of an arterial road had been slightly deflected, with the result that a builder, who had expected to get a frontage to an arterial road, found unfortunately that he was only going to get a frontage to an "unarterial" road, and he was now formulating a claim against the highway authority because he had been deprived of the prospective boon of a frontage to an arterial road.

There was also another question—the somewhat intangible question of amenities, to which he noticed the writer of the Paper referred. There, he thought, there was a tendency to confuse cause and effect. It was generally true to say that a new road was wanted because the area had so developed and changed in character and increased in population that its residential character was already completely transformed and altered. In nine cases out of ten the new road could not be accused of causing the alteration, but was itself one of the results of that alteration in character. The loss of amenities had been very marked during the last forty or fifty years in many suburban areas where there had been no arterial road, or anything resembling it, but where the houses with 10 to 20 acres of garden had all vanished and been superseded by cottages and smaller houses. Those changes had needed no arterial road to bring them about. He thought there was no question that along those new arterial roads they might have to revise their somewhat mechanical notions as to the spacing of houses; that was the invariable marshalling of all houses in a strict military parade along the edge of the road. It might be advisable to group them in squares and gardens and round lawns approached from the road, so that the houses had the benefit of a common square or garden, without perhaps fronting immediately on to the road itself.

The question of betterment was almost as illusive as that of amenities. Betterment was often deferred, and it often

affected property that did not immediately front upon a new road. But, sooner or later, undoubtedly betterment occurred. One knew, if one took a broad view, that increase in the value of properties was almost invariably due to the increase in the facilities for travel, whether by railway or road. In cases where the benefit was deferred, he saw no reason why the owner's contribution (on which again he wished to lay stress) should not also be deferred. A reasonable arrangement, which had been accepted in some cases to his knowledge, was the following: That the landowner gave the whole of the land required for the new road, and also agreed to contribute a certain sum, calculated on a foot-frontage basis, as and when he could convert his property, now agricultural, into building land. In another case of a somewhat similar character in the north of England, he could recall an arrangement whereby the owner, who was not in a position to make a large capital initial contribution, agreed to give the land for the road, and also to transfer or convey to the council a certain proportion of the frontage along that road. That was an admirable arrangement, which he submitted for the consideration of the meeting. With the consent of the Ministry of Transport it was, of course, possible for local authorities to secure a large share of the betterment by acquiring land for a width of 220 yards on each side of the centre of the new road. He thought there was a misprint in the Paper in that connection—it was said to be 220 feet: it should be yards—making a total belt of a quarter of a mile in width. Even if local bodies were not prepared to become landowners on quite such an extensive scale as that, advantage might very well be taken of those powers in many cases to acquire sufficient back land to round off to profitable dimensions the odd strips and cantles of frontage which were left by severance when a new road was cut athwart several properties. That same consideration applied in the case of the widening of existing roads, and he believed that one of the county councils had in contemplation at the present time the promotion of a Bill under which they would have power to acquire up to a depth of 220 yards, not merely

when constructing a road, but when widening an existing one. He thought that point was one deserving of consideration.

In closing his remarks with a renewed expression of thanks to the author of the Paper, he would like to plead that the new roads should not necessarily be decried as eyesores and nuisances. There was no reason why they should not in time be just as beautiful and just as attractive as any of the older roads, which, like children, had all gone through a hobbledehoy period, when they were raw, unfinished, and not particularly pleasing. The most beautiful roads we had in this country must have passed through a stage of that sort, and he fully believed that in years to come, when suitable plantations had taken place along some of the new roads which at present looked somewhat bleak and bare, they would be as much admired as the delightful "fair "mile" at Henley, and landowners would unanimously agree that, far from there being any question of compensation involved, the real point at issue was how to calculate most generously the amount of their contributions towards arterial roads.

Sir H. Courthope-Munroe, K.C. (Associate of Council), said he rose with extreme pleasure to second the vote of thanks to his old friend Mr. Smith. He had known Mr. Smith for some thirty years, and he had always admired his industry and ability. He would also like to thank Colonel Bressey for the very illuminating remarks which he had made in connection with Mr. Smith's Paper, which was headed "Arterial Roads and Road Improvements." After what Colonel Bressey had said about arterial roads, he would drop that subject, and touch only upon the question of road improvements.

He had had the advantage—which he had not had in connection with Mr. Hunt's contribution — of reading Mr. Smith's Paper, and he would like to open the few observations which he had to make by again expressing his great regret that the present three excellent Papers had not been spread over three separate evenings, and also to

the fact that the Papers had not been read out at the meeting. He was bound to say that he thought, if many of the members present were cross-examined by Mr. Cripps upon the contents of the excellent Papers of Mr. Smith and the other two gentlemen, that cross-examination would produce a very small knowledge of what was in them. One could not discuss such Papers unless one had heard them read and had gone into them very closely.

Mr. Smith's Paper left him but little to criticise and very little to add, except in one respect. He thought Mr. Smith had failed to call attention to what he personally thought was one of the most important provisions of the Act of 1909 and the following Acts, and, as illustrating that, he wanted to tell a little story, which he was afraid would bring the blush to Colonel Bressey's cheek. In extenuation, however, he desired to say that he did not know that Colonel Bressey was going to be present that evening. The point was as follows: Tucked away in the 1909 Act, and the other Acts and Rules, the Ministry of Transport, together with a body which were buried in Dean's Yard, Westminster, called "the Road Development Commissioners," had very large powers which enabled improvements to be carried out in a case where a blackmailing or obstructive owner was endeavouring to prevent a necessary public improvement unless large sums of money were put into his pocket. As he had said, he had not expected to have had the pleasure of seeing Colonel Bressey present, and Colonel Bressey would forgive him telling the story, which was as follows: A corner in a country road was very necessary to be rounded for the purpose of safety in travelling from one town to another. The local authority decided to do it. The owner, who had got a 5-acre field or thereabouts, the value of which was, say, about £20 an acre, £100 altogether, was asked his price for the land required for the improvement, and he replied, "£500 to £600 is my price, and I will only "sell the whole field." The local authority wanted only a little bit at the corner, and they said, "That is ridiculous." The owner still said, "That is my price," and finally he went to the extreme which people sometimes went, namely, of not

answering letters at all. The local authority were hung up and could do nothing. He had been told incidently that during the war one of the war commissions had fined the owner £50 for growing thistles on the field. He need hardly say that the man was a non-resident landlord and lived miles away. At that stage it occurred to him that there was some provision in the Acts by which the public departments might be induced to take a hand in the matter, and fate had led him in the direction of Colonel Bressey, who had gone into the case and had been satisfied as to its merits. He (the speaker) had then been handed over to the Road Development Commissioners, and finally to the Treasury Solicitor. To make a long story short, an advertisement was issued, and the Government agreed to make a small grant. That was the first step to take. Then it got handed over to the Development Commissioners, who had power to order an enquiry and make an order in a proper case. As soon as the advertisement got into the papers, the gentleman was written to, with a copy of the advertisement, and was told to come along to an arbitrator to see what the land required was worth. The district valuer had valued it at £5. The owner had replied almost immediately that his main point was the fencing and accepting the £5—and that after two- and a half years of negotiation.

When one realised that, one could not help thinking that the one real omission in Mr. Smith's Paper was that he had not pointed out the very great advantage which the public and local authorities had of having some means at their disposal of bringing to book a man who was simply out to prevent a public improvement unless he could obtain an exorbitant price. He thought the Ministry of Transport and the Road Development Commissioners were performing a most useful function in that respect. He thought it ought to go forth far and wide that, in a proper case, those powers existed.

There were two or three other points on which he would like to touch. On page 128 of Mr. Smith's Paper it was said that " when the arterial roads were in contemplation it " was thought that acquiring authorities might acquire

"narrow strips of a few feet beyond the limits of new roads, "so as to obtain the frontage value of the land when the "new road is hereafter used for development. This would "be a less expensive method of securing a share of the "building value created, but I have not met any case where "this has been done." Personally he had. Years ago, in connection with the Avenue Road, Regent's Park, Messrs. Willetts, the builders, had taken a house from wall to wall, and had driven a road through at right angles to Avenue Road into a building estate, and they had done the very thing which Mr. Smith had suggested. They had made a wide road, and they had made a footpath on either side, flagged, and they had put a 3-feet or 3-feet 6-inch border of evergreens. Litigation arose, and the gentleman whose garden had formed one of the long line of parallel gardens wanted to open out on to the new road, and he opened his door and walked over the evergreens. Then the fun begun. At that stage that was the position which was created. Lord Mersey, then Mr. Justice Bigham, would not, if the speaker's memory served him rightly, have any truck with Mr. Smith's suggestion. Lord Mersey took the view "I see "there are these few evergreens; but the door was practic- "ally on the highway, and therefore there was a right to "get out on to the highway." All he wanted to say was that, in dealing with that question, it was a matter one had to be very careful about as to how one laid out the land.

Mr. Smith referred to a case, under "Arterial Roads," of making provision for taking the whole, and referred to a case which he (the speaker), rather fancied was his own case, in which he had advised that the whole should be taken, but, he regretted to say, it had not resulted in an arbitration, but had been taken at an agreed figure.

There was only one other point he desired to mention. He could not help thinking that in the march of progress they had gone a little bit askew on the question of costs. He quite agreed with a good many others that, in pre-war times, costs, in some cases, had become a scandal, but he could not help thinking that now the other extreme had been reached. He regarded the method which had been

adopted recently of asking any gentleman to put a lump sum on the table for costs, necessarily in entire ignorance of the length and nature of the negotiations, and of what had been done, in itself as wrong. It was all very well when one was sitting in Petty Sessions to say, "Dismissed with 5*s*. costs," but when one was dealing with large sums of money in connection with the purchase of land it seemed to him that unless one knew the length of time the negotiations occupied and what had been done, and whether one party had been reasonable or not, it was impossible to *assess* that sum. He thought in all cases costs, although they might be put upon a more reasonable basis, ought to be assessed by some proper tribunal in the form of a taxing master.

Mr. T. Spencer Bright (Fellow) said the members had listened to remarks concerning the great advantages of arterial roads to owners. He desired to say one or two words from the other side. With regard, firstly, to the notice to treat, the authorities came in under Section 2 and took possession of the land; then the Act went on to say that, "as soon as may be" after taking possession, they should serve notice to treat. Unfortunately there was no definition of "may be," and his own experience was that it had been a very slow insect to move. It took a very long time, with the result that an owner lost his land for that period, and supposing, as was frequently the case nowadays, that the owner was hard up, what could he do? He had nothing he could borrow on, although the compensation when it was assessed—when one knew the amount—carried 5 per cent. interest with it.

With regard to Ryde's Scale, he thought that other members would perhaps have something to say on that scale when comparing it with, say, the commission which would be charged on a private treaty sale of a similar amount. Taking, for instance, a settlement of a claim of £4,000, if one carried out a private treaty sale of £4,000 one would obtain about £107 commission, but in settling a compensation claim one would get only 33 guineas; and he thought that the amount of work which was necessary

now in settling compensation claims was far more than in the case of effecting private treaty sales.

Mr. A. B. Thornton (Fellow) remarked that it seemed to be all very well for Colonel Bressey to address in that hall a perfectly orderly body of surveyors and to instruct them as to the way they should regard arterial roads, but personally he had been one of those unfortunate people who had been entrusted with the duty of trying to induce an unwilling public to accept some of those views, and he thought members would appreciate what an exceedingly difficult task it had sometimes been. He would have liked, for instance, to have introduced Colonel Bressey to a certain reverend gentleman, a client of a member sitting near the President, who for forty years had occupied a country vicarage. The authorities had come along and had taken part of his frontage for the purposes of road widening, and he was sorry to say that he believed the additional traffic had entirely spoiled that reverend gentleman's writing of his sermons for his Sunday services. However, one must admire Colonel Bressey's boldness in coming to the meeting and putting forward the views he had. As a surveyor he certainly admired the courage which Colonel Bressey had shown in stating his side of the case.

Dealing with the Paper, there were one or two points to which he would like to refer. On page 123 Mr. Smith said: "The provisions of the Act relating to procedure may be "said to comprise two parts. One relates to vacant land "(Section 2)." He thought that might be a little misleading. It was not only "vacant" land which might be land uncovered by buildings. He thought the section really meant all land, except such land as Mr. Smith referred to later on when he said: "This section does not extend to "entry on any permanent building." It therefore really meant all uncovered land. The word "vacant" might be a little misleading there.

Another point related to the question of consequential damage. Mr. Smith said: "From this it appears that if an "arterial road will bring additional traffic of a nature likely

" to affect the enjoyment and amenities of a private residence, " due compensation may be claimed."

He hesitated to challenge an authority like Mr. Smith, but he would like him to confirm that statement, if he would, because personally he was under the impression that the user or increased user of a public road did not give a ground for claim. If one might quote one authority against another, Mr. Hunt, in his Paper, on page 114, quoted Cripps, who gave (item 4) a definition as follows: "The " damage or loss must be occasioned by the construction of " the authorised works and not by their user." An arterial road was not " a works " in the ordinary sense, but he found some difficulty in accepting the argument that because a road might be widened and additional traffic brought thereon, that that necessarily afforded a ground for claim. It seemed to him to be a legal point, and perhaps one of the legal gentlemen present would be able to give the members a little assistance by elucidating it.

Mr. Smith also dealt with the old question of whether the price to be paid should be for front land or back land, and said that the problem was apparently unsettled. He agreed with Mr. Smith that it was unsettled in the minds of some people, though other people seemed to think it was settled. He would refer back to the paragraph on the previous page of Mr. Smith's Paper, with which he agreed, and which he thought really met the argument: "The " actual valuation in these cases often resolves itself into an " estimate of the present value of the property contrasted " with an estimate of the future value, the difference being " the compensation." That, he thought, was really the true answer in principle to the problem, and his own experience was that that was now the more generally accepted principle among surveyors.

There were two other points to which he desired to refer. One was the question of fees, which had been mentioned by the last speaker. He remembered that he had had to settle a small compensation case with that gentleman, and they had had some difficulty about the fee, not because his colleague had been unreasonable, but because Ryde's Scale had not

adequately remunerated him for all the trouble which the matter had involved. The compensation could be only a very small amount, and that was settled, but the fee, on Ryde's Scale, certainly nothing like met the amount of work which had been done. As one who had not to receive those fees, but who had sometimes to certify them, he would be only too pleased if Ryde's Scale, particularly where it dealt with the smaller cases, could be amended.

His last point was the question of costs, to which a previous speaker had referred. He had had a case recently referred to him of which he would like to tell the members, because it put another side to the picture. He had had to settle a compensation case with some surveyors, members of The Institution, and had settled it quite happily. The fee had come to about 25 guineas, but the preliminary fees of the lawyers who had represented the owners—only the preliminary costs and not the costs for conveyance—had come to more than the surveyor's fee on Ryde's Scale. He thought that was not reasonable, and was hard on the surveyors, who had really done the work.

He desired to congratulate Mr. Smith on the admirable tone of his Paper, which was judicial and free from bias. If only surveyors had had it before them two or three years ago, it would have saved them a great deal of argument and dispute.

Mr. H. M. Cobb, C.B.E. (Vice-President), said he rose with great pleasure to support the vote of thanks to be accorded to Mr. Smith. He had known Mr. Smith for many years. Mr. Smith would probably remember that one of the first occasions on which they had met was under the rather melancholy conditions of valuing a cemetery taken over by a local authority, and he did not mind confessing that the late Mr. James Green, with the assistance of Mr. Sydney Smith, had succeeded in getting about twice what, in his opinion, the cemetery was worth. That was his first recollection of Mr. Smith's ability—an ability which had continued down to the present time as evidenced by the Paper.

From Colonel Bressey's description of arterial roads it

would appear that he (the speaker) had been living ignorantly in an Elysium, and that he had been bad and wicked enough to make a claim for those roads coming through his client's property. He granted that they were beautiful roads; he liked them very much indeed to motor through; but God forbid that he should ever live close to them. Some of those roads were ornamental—not the roads themselves, but the timber which lined them—and he looked upon them also as a great means of improved access;—but there he stopped. With regard to the quietness to which Colonel Bressey had alluded, that quietness must reign in some other place than the county of Kent, because in Kent they did not call those roads at all quiet; there was an intolerable noise, and a good deal of vibration.

Joking apart, there was another thing which must not be forgotten, namely, the roads were so laid out as to get them as nearly level as possible; consequently, one's building value was very often entirely spoilt, or, at any rate, depreciated. In the case of embankments, each piece of land would not have a separate access, but one must make one ramp do for a great many houses.

He thought there were many things connected with arterial roads which made it unfair to say that a landlord was claiming when he ought to be paying. A landlord did not gain much, if anything, by arterial roads, except, as he had before said, improved communication between two points far apart.

One important point was that all water companies, gas companies, electric-light companies, &c., should take care that their rights were preserved. The other day he had seen an arterial road which was made of ferro-concrete, and the extra costs of communicating from the mains to houses on the building estates, which Colonel Bressey was kindly developing, must consequently be much increased; these companies should always take care, if possible, that their mains were in the paths or verges. He was a director of a water company which had made terms for the removal of the mains as they were formerly in the path, which had now become the centre of the road.

He asked Mr. Smith to accept his personal thanks for such an interesting Paper.

The PRESIDENT then called upon Mr. Eve to present his Paper.

Mr. GERALD EVE, in introducing his Paper, said that one could picture in the future the grandson of a former owner being met by a War Office official who would say, "Your "land is now returned to you." "What land is that?" "Oh! that piece over there?" "I did not know the family "owned it." "Oh, yes, we took it in your great grand-"father's time, and it has now come back to you." That was only meant to imply that there had been a good deal of delay in returning land by Government departments to their original owners and occupiers, which, he thought, had been rather an expense to the country; he thought some of it might have been returned earlier.

His Paper really contained four heads. It suggested first of all, as regarded claims during the period of Government occupation, that up to 31st August, 1921, appearance should be made before the War Compensation Court, and that, for any occupation after that date, appearance should not, in his view, be made before the War Compensation Court, but, under the 1916 Acquisition of Land Act, either before an agreed single arbitrator or before the Railway Commission. In that connection the panel of arbitrators referred to in Section 8 (1) (*b*) of the 1916 Act was said, by the Railway Commission, to have gone; and he stated in his Paper that if the Court were right in holding that such panel had gone, when the Government and an occupier were disputing what annual or lump sum should be paid in respect of Government occupation from 31st August, 1921, to, say, the date of the notice to treat, it was a pity that neither side could require arbitration, especially in a small case. Unless both parties consented to a single arbitrator to be agreed upon by the parties, both parties were forced to the Railway Commission. He thought it was a pity that, at least in small claims, either side could not require arbitration.

His next point was that he suggested that if the

Railway Commission had given a Government department permission to continue in occupation up to a certain date, when that date arrived, then, if the Crown stayed on, they were trespassers. Whether the Crown had served notice to treat before that date had arrived had nothing to do with it. The mere serving of a notice to treat unaccompanied by other formalities, such as were laid down in the Lands Clauses Act, did not give the Crown any right to remain on the land after the date permitted by the Railway Commission. If they were trespassers, they were very difficult to get out.

His last point was that if the Government had gone out of the land and returned it to the owner, could the landowner insist upon restoration in certain circumstances, or was he compelled, in lieu of physical restoration, to accept compensation ?

Those were the chief heads of his Paper.

Colonel H. F. Cobb, C.B.E. (Fellow), in proposing a vote of thanks to the author for his Paper, said he was sorry that Mr. Eve had avoided the more elementary points. Had he not done so, he (the speaker) would have had less hesitation than he had in expressing his opinion on the intricate conundrums which Mr. Eve had propounded. When acting for the Government department whose interests were more particularly involved, he confessed he had been shaken in any preconceived views he might have had by the various arguments which claimants had brought forward as to the interpretation of the various sections of the different Acts to which Mr. Eve had alluded. He confessed he thought some of them contradicted themselves, and although he no longer held an official position in any Government department, he should like to emphasise that any views he might express were merely personal views and not necessarily those of an official mind. He said that all the more strongly on the present occasion, as he seemed to recognise, in at least three of the points which Mr. Eve had raised, questions with which he had personally had to deal, and two, at all events, of those were still *sub judice*.

Dealing with the first point, as to the jurisdiction of the War Compensation Court in cases arising out of occupation subsequent to August, 1921, he agreed with the opinions of the late Mr. Wootton and Mr. Eve that, strictly speaking, those probably fell to be dealt with outside the jurisdiction of the War Compensation Court; but if such a case was adjudicated upon strictly in accordance with those views, perhaps Mr. Eve would kindly suggest how compensation could be divided for the damage which had been done previous to August, 1921, and for the damage done subsequent to that date. The point continually arose in the case of buildings sold for removal. Was the damage done when those buildings were erected, or was the damage done when they were removed? He suggested, at all events for convenience' sake, it was much better to go before one tribunal and get the matter settled once and for all.

Mr. Eve would probably remember that in a recent decision by the Railway Commission that tribunal had ordered that, on the termination of the department's occupation in 1925, the amount due in respect of reinstatement was to be settled by the War Compensation Court. That, to his mind, evidently showed that the opinion of the Railway and Canal Commission was that it was at least a doubtful point whether the damage was done previous to 1921 or subsequent to 1921.

Mr. Eve also referred to the case of *Sir H. Malet and Eyre Matcham* v. *Secretary of State for War*. Personally he thought the decision in that case was absolutely right, and he did not think the Secretary of State really ever seriously pleaded otherwise, although he was stating that in the presence of Mr. Eve, and also in the presence of the counsel who was acting for the plaintiffs. He was not aware of the case to which Mr. Eve alluded in his reference to the official arbitrator. Personally he should have said (and again he was giving his own personal opinion) there might be no objection to the official arbitrators hearing cases which arose out of Section 1 (3) and Section 8 of the 1916 Act; but he thought it would probably rest with those gentlemen to decide whether or not they would hear those cases under

the terms of their appointment. His own view was that the arbitrators—those gentlemen who accepted the position as official arbitrators—were appointed merely to decide the purchase price and not so much the question of compensation.

Mr. Eve had referred to the service of the notice to treat while the department was still in occupation with the consent of the Railway Commissioners. It might be that the department were trespassers; he should hesitate to join issue on that; but was he not right in thinking that a notice to treat at all events created a relation between the parties which was analagous to that of purchaser and vendor under the Lands Clauses Act?

The last point which Mr. Eve raised was the department's right to apply to the Railway Commission for consent to pay compensation on the basis of freehold value plus, of course, consequential damage and severance in lieu of paying the cost of physical reinstatement. That was an important point, and he thought he was right in saying that two of the most eminent K.C.'s had given opinions on the matter which were entirely contradictory. He was glad to know that Mr. Eve would be content with £250 plus as much more as he could get, rather than rely on a legal point which might result in his obtaining £10,000 from the already overburdened taxpayer, a result, whatever the legal aspect might be, which surely the Legislature never contemplated. The case had arisen as a matter of fact, and it looked as if it would have to be settled in the court; but, from his own knowledge of the attitude of the Government departments towards what appeared to him a most iniquitous attitude to adopt, he did not think any decision other than an adverse one in the House of Lords would have the effect of making the departments pay compensation on such extravagant lines.

Mr. William Allen (Visitor) said he had much pleasure in seconding the vote of thanks, because he really thought that Mr. Eve in his Paper had raised some questions of great importance and great difficulty. Mr. Eve said that a short time ago the Reference Committee had said that there

was no objection to an official arbitrator deciding not only the questions which he had to decide under the 1919 Act, but also questions in regard to compensation after the 30th August, 1921, and before the notice to treat. That was all very well, but even if the official arbitrator received permission from the Reference Committee to decide those two classes of question, it appeared to him (the speaker) that one was only at the beginning of the difficulty. Of course it might be said that a great deal of expense would be incurred by appointing two arbitrators—one to decide the question of the compensation for the land required, and the other to decide the damage that an owner had suffered prior to the notice to treat; but, personally, he was not sure whether that expense would be avoided by referring the whole matter to the official arbitrator, because under the Acquisition of Land Act the submission to him was a statutory one by the Reference Committee, and could embrace only the subjects that he was allowed to decide under that Act. If he had to decide something else, namely, whether there was damage before the date of the notice to treat, there would have to be a second submission. He (the speaker) took it that that submission would either be at common law or under the Arbitration Act, and in that way such matters would be referred to the official arbitrator. Therefore the official arbitrator would have to give two distinct and separate awards, one under the Acquisition of Land Act, and one under the submission in regard to matters before the notice to treat.

But the difficulty would not even be ended by the two separate awards, because, as all the members knew, under the Acquisition of Land Act there were special rules of procedure in regard to evidence. Only one expert witness might be called; whereas under a reference under the Arbitration Act any number of experts may be called; and if the question was damage done to the owner because a Government department was in occupation of the land, and he had lost his market, the direct question that the arbitrator would have to decide in both instances would be (1) the value at the date of the notice to treat, and (2) in

the instance of damage suffered by the person before the notice to treat, what was the value of the land at the date when he might have sold it ?

On the first question, the value at the date of the notice to treat, under the statutory submission only one expert witness could be called, while under the other submission, which involved two values (1) the date when he might have sold his land, and (2) the date when it was taken over by the Government under the notice to treat, or by a local authority under the notice to treat, any number of witnesses could be called. Was the official arbitrator to regard the evidence on the second submission in making his award on the first.

In addition to that, there was a further difficulty. If the official arbitrator was asked to state his award in the form of a special case, he might on the first statutory submission so state it, and it might be decided by the High Court in one way. The High Court's decision there was a final one, and there was no appeal from it. The official arbitrator might state the question on the other submission in precisely the same form. There the High Court's decision was not a final one ; the matter could be taken to the House of Lords.

It did seem to him that on the question of submitting such points to an official arbitrator, even if one got the consent of the Reference Committee, there were very grave difficulties involved. And not only were there difficulties in regard to procedure and in regard to appeals, but there were various regulations as to costs, and those might be different on the different submissions. So altogether it appeared to him that it would be safer in every case to go to separate arbitrators, and he very much doubted if in the end the costs to the owner would be increased.

Really, however, what was wanted, and he suggested it for the consideration of The Institution, was the following : Ought there not, in those mixed cases, to be some amendment to the Acquisition of Land Act, whereby the whole subject could be referred to an arbitrator who was agreed between the parties, and so avoid all the diffi-

culties which might obtain through those various mixed submissions? He did suggest that that was a point which The Institution might press upon the Government in regard to a revision of such Acts.

Mr. E. O. Simpson (Visitor), Solicitor of Laws, said he thought it would be very ungracious of him not to respond to the President's call to take part in the discussion, although he had not in the least anticipated that that call would have been made. He had to acknowledge The Institution's hospitality in inviting an absolute outsider, a member of another profession, to be present that night. He could not say that he could echo the boast of so many gentlemen who had spoken that night and proclaim the fact that he was not a lawyer; he was a lawyer. It happened that in this particular matter under discussion Colonel Cobb and himself did not quite see eye to eye in a case in which they were at the moment concerned. He dared to say that The Surveyors' Institution had heard that mystic phrase, which was sometimes used by lawyers, "without prejudice," and he might explain that he had accepted everything Colonel Cobb had said about going to the House of Lords entirely without prejudice. He dared say that Colonel Cobb would reciprocate the courtesy by treating what he had to say in the same sense.

His observations would be rather more of a general character than otherwise. He must say that he had seldom known a difficult and intricate subject—even to what they called a "Mississippi lawyer"—so lucidly discussed as in Mr. Eve's Paper. It was astonishing, and he was going to say a little disappointing, to lawyers that so few cases had arisen out of such a very difficult statute. He thought the reason must be that the uncertainty of it and that spirit of compromise which always pervaded a surveyor (though not necessarily a lawyer) had entered into the matter, and therefore the difficult questions which had arisen had been solved with very few decisions at law. He thought, perhaps, that was a fortunate matter. He spoke as a member of a profession which was a kind of poor relation to surveyors.

and he did not forget the story which a previous speaker had told of the lawyer who had sent in a bill for some preliminary services which exceeded the bill of the surveyor. All he could say was that the man must have been a very able lawyer. However that might be, the fact was that surveyors, and the profession of surveying, had from long practice deservedly obtained an enormous amount of public confidence in matters of compensation. He thought The Institution was to be congratulated on that fact. The consequence had been that when the Act had been first introduced (and it was to his knowledge, because he had been a party to some degree of opposition to the Bill when it had come first before the House) the desire was to submit the questions which would evidently be raised upon the matter, not to those fortuitous bodies which came up from time to time like the War Compensation Court, but to tribunals which everybody understood, namely, tribunals of arbitrators, in which surveyors had taken for so long such an effective and useful part. He had always thought Parliament could congratulate itself that at any rate it had established one thing, namely, that questions of compensation should go where they ought to go—to tribunals where the assistance of surveyors as arbitrators would be available. It was in that sense that they thought they had secured a satisfactory section, but, as had been pointed out by previous speakers, there was still some obscurity about it. He believed, however, that Colonel Cobb's department would always act with the greatest reason. He believed they would be the first to recognise that these questions really ought to go to arbitration. He hoped the Government would see its way, if it could practically be done, to introduce such an amendment as had been suggested, and see that those most important matters were submitted to the body which experience had shown to be the most satisfactory which could be instituted.

Mr. G. R. Blanco White (Visitor) said he was very glad to have the opportunity of expressing his appreciation of Mr. Eve's most interesting Paper. If he might say so, it was

a Paper which not only raised points of considerable practical importance, but it also, to a detached mind, raised points of considerable intellectual interest. Particularly he thought any lawyer must appreciate the question which was raised by Mr. Eve as to what was the position of a Government department which was still in possession of land, the time allowed by the Railway Commission having, of course, expired, with notice to treat served, and the arbitration not yet held. Of course, at the back of their minds, the lawyer and the surveyor might perhaps have also the question, "What profit and advantage can I make for my client out "of this position if in point of fact the Government is a "trespasser?" He must say that he agreed with Mr. Eve; he thought he was right, and that the Government were trespassers. In order to be entitled to remain in possession they must have some statutory right from somewhere. Their consent from the Railway and Canal Commission had expired. Any other right to take possession must come under the Act of 1916, which incorporated the Lands Clauses Act. Under the Lands Clauses Act the only power of taking possession was either when the purchase money was paid, or else when a deposit had been made. Neither of those things had been done, and therefore it would seem that the Government were in the position of trespassers when they held on to the property.

On the other hand, of course that position was a ridiculous one, because the intention under the 1916 Act was that they should have the power of acquiring lands of which they had taken possession, and it certainly could never have been intended that the Government should hand lands back for a few months while the procedure of purchase was going through. Still, though the Government might be in the position of trespassers, the practical question arose, What was one to do about it if they were? As Mr. Eve pointed out in his Paper, a petition of right was a very expensive process. Another thing was that a petition of right did not lie for a tort, on the theory that the King could do no wrong. If one had the misfortune to be run down in the street by an Admiralty tender, one did not bring a petition of

right against the King. One sued the driver of the tender for damages, and the Admiralty paid. He supposed if the Government retained possession, and one could find the particular man who was doing it, one could bring an action against him for trespass, but that was rather a round-about remedy. If one brought a petition of right, or if one claimed interest on the purchase money after the notice to treat, or did anything like that, one was then waiving the tort, and the trespass had disappeared, and by one's own action the Government was properly in possession. So that the answer to it all was that it was an extremely interesting intellectual problem, and Mr. Eve was quite right in his answer; it was a trespass. But he could not see any answer to the further question as to how either a surveyor or a lawyer was to benefit his client when that particular trespass had been committed by the Government.

The PRESIDENT said he would like to add his thanks to those of the other members to the authors for their excellent Papers, which were very instructive Papers and which would be of great value. He only regretted that there had not been more time for discussion. That was a great pity, as judging from the discussion which had taken place it could have lasted longer, and the members would have been still further instructed.

The vote of thanks was then put, and carried with acclamation.

Mr. HUNT acknowledged on behalf of the authors the vote of thanks.

Subsequently he has written a reply to the following effect:—

The points made by the various speakers on my Paper referred specially to the research it indicated. For this I have to acknowledge the assistance rendered by Mr. J. C. Spensley, a Fellow of The Institution.

PAPER 491.

# THE SMOKE NUISANCE IN TOWNS AND ITS ABATEMENT.

**By J. Gordon Elsworthy (Fellow).**

*To be read at the Ordinary General Meeting of The Surveyors' Institution on Monday, 9th March,* 1925.

The smoke nuisance with suggested remedies for its abatement has, during recent years, frequently been brought to the notice of the public. The Departmental Committee on Smoke Abatement in 1920 and the Smoke Abatement Conference in Manchester, held last November, together with recent discussions in the Houses of Parliament and the London County Council, have all focussed interest on this subject, and since great injury is done, both to the public health, and to buildings and property generally, by smoke, it would appear that we, as surveyors, should have a considerable personal interest in this question.

The cause of the nuisance being the employment of coal as a fuel, it may be of interest to note that the first recorded transaction in coal in this country is in a receipt given by the Abbey of Peterborough in 852 A.D. for twelve cartloads of coal, and that by the year 1307 coal was being mined in most of the coalfields of England, Scotland, and Wales.

Already the need for control of the smoke arising from the burning of coal was felt. In 1257 Queen Eleanor had to leave Nottingham for Tutbury to escape the smoke from the coals; while in London in 1273 the use of coal was prohibited as being prejudicial to human health, and even smiths had to use wood.

In 1307 it was felt that something stronger than a royal proclamation was needed, and a Commission was appointed to punish all who burnt coal in the City with a great fine for

the first occasion, and to demolish the furnace at the second offence. It is recorded that one man who offended was tried and executed for burning coal in London, a salutary and inexpensive method of smoke abatement which, however, is unlikely to be revived in these days.

In 1578 the subject is again referred to in a petition presented to the Council by the Company of Brewers offering to use wood only in the breweries near Westminster Palace, as they understood that the Queen "findeth hersealfe "greatly greved and annoyed with the taste and smoke of "the sea coles"; while John Evelyn, in 1670, writes that the "infernal smoak" is "so universally mixed with the other "wholesome and excellent air of London that her inhabitants "breathe nothing but an impure and thick mist and filthy "vapour, so that catharrs, coughs and consumptions rage "more in this city than in the whole earth besides."

The Whitehall smoke nuisance was mainly the real cause of the Palace at Kensington coming into being. William III. stated that he could not draw breath in the "fulginous and filthy" atmosphere at Westminster; he was unable to "lie in town"; and he was only too willing, shortly after his accession to the throne of England, to give Lord Nottingham the modest sum of eighteen thousand guineas for Nottingham House in what was then the rural hamlet of Kensington.

Concurrently with the development of the use of coal, a great change began to take place in the density of the population of the British Isles. In 1377 the total population was approximately $2\frac{1}{4}$ millions, the most populous towns being:—

| | | | | | |
|---|---|---|---|---|---|
| London, | population | between | 30,000 | and | 40,000 |
| York, | ,, | ... | ... | ... | 11,000 |
| Bristol, | ,, | ... | ... | ... | 9,500 |
| Coventry, | ,, | ... | ... | ... | 7,000 |
| Norwich, | ,, | ... | ... | ... | 6,000 |
| Lincoln, | ,, | ... | ... | ... | 5,000 |

When John Evelyn, in 1648, wrote his pamphlet and agitated for the abatement of coal nuisance, the population of

London was only about 500,000, and the consumption of coal could not have been more than one ton per head of the population. At the same period the total population of England and Wales was estimated at $5\frac{1}{2}$ millions, of which number 4,100,000 persons were estimated to live in small villages and hamlets, and about 900,000 in large cities and towns, and the remainder in London.

In considering these figures we may note that the census total for England and Wales, without Scotland, was in 1921 37,885,242, and to-day about 190 million tons of coal are used annually for all purposes in the United Kingdom, of which 35 million tons are burnt in domestic fires, producing altogether 2,875,000 tons of soot, approximately.

The annual coal consumption of London is estimated to be between 17 and 20 million tons per annum, of which, say, 7 million tons are used in domestic fires and the remainder in factories, producing altogether roughly 470,000 tons of soot.

The advent of the steam engine gave great impetus to the use of coal. In 1819 a Parliamentary Committee was appointed to consider the practicability of compelling persons using steam engines and furnaces to erect them in a manner less prejudical to the public health. In 1843 another Select Committee was appointed to inquire into the means of "preventing the nuisance of smoke arising from fires or "furnaces," and yet another Committee to deal with the same subject was appointed in 1845. All these Committees in their reports condemned undue smoke as a proof of imperfect combustion and of waste of fuel, and, while agreeing that it exercises a prejudical effect on the health of the community, unanimously concur in the statement that it can be abated.

### Injury to Public Health.

In recent years the statement of the case from the public health standpoint was powerfully put by Sir James Crichton Browne, when he stated that the evils of smoke in the atmosphere were "terribly real. It injured the health of

" the people, both directly and indirectly. It was charged " with noxious chemical vapours which poisoned the blood " with a grimy compost that blocked up the pores of the " skin, with gritty particles that lacerated the mucous mem- " branes, and directly led to illnesses, such as anæmia and " tuberculosis. The indirect action of smoke in shutting out " the beneficent sunlight was equally grievous, because light " was the cardinal condition of animal and vegetable life. " Anyone who filched away, by creating a pall of smoke, " this primary necessary of life was guilty of a grave offence " against the community, and ought to be mulcted in severe " penalties."

### Injury to Buildings.

It is from the standpoint of the injury to buildings and the increased cost of maintenance thereby occasioned that we, as surveyors, are greatly interested in this problem. In London alone we have an annual sootfall of some 76,000 tons, and its results are well exemplified in our neighbour Westminster Abbey, parts of the fabric of which it is necessary to renew every twenty years, and this applies to every building in London or any town to a greater or less degree.

Buildings are not the only sufferers; furniture, paint, wall-paper, gardens are also affected, while, by diminishing the amount of daylight, smoke entails additional expense for artificial lighting.

As regards the actual economic loss, at a recent inquiry in Manchester a number of architects estimated that a clean atmosphere would reduce the cost of the upkeep and maintenance of buildings by as much as 50 per cent. Others more cautious said from 15 to 20 per cent., but none denied that considerable saving would be effected; the same answers were received from a number of property-owners, who stated that the cost of the upkeep of a city property over one in the country would vary from 25 to 50 per cent. owing to the smoke-laden atmosphere.

The painters of Manchester stated that paint-work which should last three years, owing to the discolouring and

staining caused by the soot lasts only one year, although it is to be regretted that the lack of public spirit on the part of one gentleman caused him to observe "the cleaner "the atmosphere, the less work we get."

Sir Frank Baines, of H.M. Office of Works, recently made a statement that he had endeavoured to estimate what charges for repairs, which had to be met by his department, could be regarded as due to the impurities in the atmosphere. He said it is a difficult question, but if the air were as clear and pure in towns as it is in the rural districts, he estimated that, at the very least, £120,000 per annum could be saved upon the maintenance of official buildings in the charge of his department. This computation cannot, of course, be regarded as an exact figure, it can be only an approximation; but, after taking carefully into account all the conditions and the appraisement of the serious depreciation of the buildings over the whole area of maintenance and repair work, the saving in annual charges might well be found to be from 30 to 40 per cent. of present-day costs.

It is also interesting to notice, says Sir Frank Baines, that the beautiful painted ceilings of Verrio and Thornhill at Hampton Court Palace and Greenwich Hospital, and the Rubens ceiling in the Banqueting House, Whitehall, and the highly interesting early wall paintings of the English primatives, dating from the thirteenth and fourteenth centuries, in the Chapter House at Westminster Abbey, are all in process of being seriously injured through exposure to the London atmosphere, and that all of them show an astonishing example of soot accumulation through exposure to modern impure air.

It is quite clear that the sum of £1 per head of the population, which has up to the present been considered a reasonable estimate of the annual cost of the damage by smoke in the various towns of Great Britain, is well within the mark, especially when the estimate of £4 per head of the population in Pittsburg is borne in mind. The total cost of the smoke damage may therefore be put at about £32,000,000 per annum, since more than three-fourths of the people in England and Wales live in towns.

### The Legal Aspect of the Matter.

Before considering the remedies as regards fuel, it may be well briefly to consider the legal position with regard to smoke abatement.

There is no power to interfere with smoke from the chimneys of private houses, but factories, workshops and commercial establishments are controlled by the London Public Health Act, 1891, and outside London by the Public Health Act, 1875.

The Public Health Act, 1875, Section 91, Sub-section (7), enacts :—

> "Any fireplace or furnace which does not, *as far as practicable*, consume the smoke arising from the combustible used therein, and which is used for working engines by steam, or in any mill, factory, dyehouse, brewery, bakehouse, or gaswork, or in any manufacturing or trade process whatsoever"; and (8) "any chimney (not being a chimney of a private dwelling-house) sending forth black smoke in such quantity as to be a nuisance, shall be deemed to be a nuisance liable to be dealt with summarily in manner provided by this Act. Provided . . . . that where a person is summoned before any court in respect of a nuisance arising from a fireplace or furnace which does not consume the smoke arising from the combustible used in such a fireplace or furnace, the court shall hold that no nuisance is created within the meaning of this Act, and dismiss the complaint if it is satisfied that such fireplace or furnace is constructed in such manner as to consume *as far as practicable* (having regard to the nature of the manufacture or trade) all smoke arising therefrom; and that such fireplace or furnace has been carefully attended to by the person having the charge thereof."

The provisions of the Public Health (London) Act as to smoke nuisances are substantially the same, but in 1910 the

London County Council secured the insertion of a clause in its General Powers Act enabling it to take proceedings in regard to smoke nuisances at the request of and in lieu of borough councils, the sanitary authorities for administering the Act of 1891. The County Council can also take proceedings in the case of nuisances emanating from the works of borough councils, and may spend £500 per annum "in "investigating and advancing measures with respect to "smoke consumption and the abatement of nuisance arising "from the smoke." Dwellers in London owe much to the County Council for its whole-hearted support of the smoke abatement crusade.

### Need for further Legislation.

It has been found that these enactments are not sufficiently drastic to ensure the abolition or even the curtailment of the smoke nuisance. One example from Chelsea will show where they fail. In the case of the Lots Road Generating Station, the magistrate, before whom the case was heard, twice declined to admit that the smoke was "black," preferring the evidence of scientific experts to that of sanitary inspectors, the former stating that it was "grey."

Many provincial cities have special smoke abatement provisions, and in the case of Nottingham, where the lace industry necessitates clean air, these special provisions have been found to be effective.

It is interesting to notice that in London alone, largely owing to the efforts of the Coal Smoke Abatement Society, over 900 factories which in past years have belched forth smoke are now complying with the law and emitting no nuisance whatsoever, proving that smoke can be abated where the desire to do so exists. Classes for training stokers are now organised, and the manufacture of appliances for improving combustion proceeds apace. At Hanbury, some few years ago, it was definitely proved, as a result of official tests, that trained stokers considerably reduce smoke in hand-fired funnels, besides saving 10 to 15 per cent. in fuel and reducing the heat losses in waste gases by 10 per cent.

As a matter of fact the industrial smoke which pollutes London comes mainly from factories outside the area administered by the London County Council, and with the creation of new industrial areas like Hendon, Hayes, West Ham, and Romford, it is important that the local authorities in those districts grapple early with the problem.

It cannot be contradicted that a large proportion (approximately 89 per cent.) of our London smoke is supplied by our kitchen fires and household grates, and the same, in varying degrees, applies to any other town. It is natural to experience diffidence in approaching this aspect of the case as our national prejudice in favour of a coal fire is very great, and those who attack it are sometimes labelled faddists or cranks. It is necessary, however, to point out that many modern types of grates burn less fuel and correspondingly emit less smoke, and at the same time give better heating results, than their predecessors. If, also, the public were taught by means of leaflets issued by the borough councils a few elementary rules as regards stoking, and the most suitable type of coal and grates, it would certainly help matters.

The employment of gas and electricity for heating and cooking appliances must already have effected great reduction in domestic smoke. In London alone 1,920,000 cooking and heating appliances are now hired out by gas companies, the number having increased by over 250,000 in the last three years.

It may not be out of place to give a few figures as to the varying quantities of soot in the air of various towns; London's annual soot deposit is about 76,000 tons, Glasgow 14,000 tons, while as to the density, the sootfall varies from 697 tons per square mile in Rochdale to 69 tons per square mile in Malvern, the delightful cleanness of the air at the latter being most noticeable.

As to the cost, figures supplied by the Manchester Corporation officials show that the extra cost of lighting the city during one day's fog was over £4,265, and the Committee investigating the matter put the total damage by smoke to the city at not less than £750,000 per annum.

As regards the future, it would appear that one reform

that should be speedily effected is a legislative one. Some 1,800 local authorities are engaged in administering the law with regard to the smoke nuisance, and the result is far from satisfactory. The adoption of a definite standard by the Ministry of Health of the amount of smoke which must not be exceeded in various processes of manufacture, as recommended by the Departmental Committee of 1921, would throw on any manufacturer who emitted a greater amount the burden of proving that the excess was inevitable. The present law, totally prohibiting black smoke, is admitedly very difficult to apply. The adoption, therefore, of a definite standard amount of allowable smoke, coupled with the transfer of the duty of administrating the law from the smaller authorities to the county councils, would make for uniformity of administration, and also deal with the situation created by the fact that some of the smaller local councils are the chief authors of the smoke nuisance in their districts.

The domestic side, as we have already seen, presents difficulties, however, although an increasing number of people prefer cooking by gas or electricity ; and as central heating in larger houses and blocks of flats is coming more into use, it may be possible in the future to *enact* that the sitting-room fire should be furnished by smokeless fuel. In addition to which it might be made compulsory that the new houses being built should be fitted with grates giving the maximum of heat and minimum of fuel consumption.

**Proposed Legislation.**

It might be as well at this juncture briefly to summarise the provisions of a Bill introduced into Parliament in 1923, entitled "The Smoke Abatement Act," as the embodiment of the conclusions of the Government Committee on this subject. It amends the Public Health Act, 1875, as follows :—

*Clause* 1.

"(*a*) For the purposes of section ninety-one of the Act

a chimney (not being the chimney of a private dwelling-house) sending forth smoke in such quantity as to be a nuisance shall be deemed to be a nuisance liable to be dealt with summarily in manner provided by that Act, notwithstanding that the smoke is not black smoke;

(*b*) For the purposes of sections ninety-one, ninety-two, and one hundred and two of the Act the expression "smoke" shall include soot, ash, grit, and gritty particles;

(*c*) Where the complaint upon which a summons is issued relates to a smoke nuisance, fifty pounds shall be substituted for five pounds as the maximum penalty which may be imposed under section ninety-six of the Act;

(*d*) Section ninety-eight of the Act in its application to an Order relating to a smoke nuisance shall be read as if forty shillings and five pounds were substituted therein for ten shillings and twenty shillings respectively;

(*e*) Section three hundred and thirty-four of the Act shall have effect as if there were included amongst the processes specified in that section the processes of re-heating and annealing, hardening, forging, converting and carburising iron and other metals:

Provided that the Minister may by Provisional Order at any time after the expiration of five years from the passing of this Act exclude from the application of that section any processes specified in that section as amended by this paragraph so far as smoke nuisances are concerned."

The provisions of the Public Health (London) Act, 1891, were similarly amended under the Bill, which then proceeds:—

"In any proceedings for sending forth smoke from a

chimney in such a quantity as to be a nuisance, it shall be a defence for the person charged to show that he has used the best practicable means for preventing the nuisance, having regard to the cost and to local conditions and circumstances.

*Clause* 2.

In any case in which bye-laws for the purpose have been made by the local authority, the emission, during such period as may be prescribed by such bye-laws, of black smoke of such density and volume as may be so prescribed, shall raise the presumption until the contrary is proved that such emission constitutes a nuisance.

Any local authority may, and shall if so required by the Minister of Health, make bye-laws for the purposes of this section.

*Clause* 4.

The powers of an urban authority under section one hundred and fifty-seven of the Public Health Act, 1875, and of the London County Council under section one hundred and sixty-four of the London Building Act, 1894, shall extend to the making of bye-laws requiring the provision in new buildings, other than private dwelling-houses, of such arrangements for heating as are calculated to prevent or reduce the emission of smoke.

Two or more local authorities may combine to carry out their duties under section ninety-two of the Public Health Act, 1875, in respect of smoke nuisances, and for that purpose may concur in appointing a joint committee to which the provisions of section fifty-seven of the Local Government Act, 1894, shall apply.

*Clause* 6.

If a county council resolve that a local authority have failed to carry out their duties under section ninety-

two of the Public Health Act, 1875, in respect of smoke nuisances, and make complaint thereof to the Minister of Health, or if a local authority, after being required by the Minister so to do, have failed to make such bye-laws as are mentioned in this Act, the Minister may, after such inquiry as he deems necessary, by order authorise the county council to carry out such duties either for a definite period or until the Minister shall otherwise direct."

### Suggested Reforms.

I should like to touch briefly upon some of the points dealt with at the conference of experts held in Manchester last November as representing their last word upon this subject.

It was generally agreed that insistence upon trained stokers, trained in classes such as are now given in many polytechnics, would go far to reduce the volume of smoke from industrial concerns. An example in point, as a result of attending lectures, special endeavours were made to prevent infiltration of air through damper slides, flue brickwork, and so on; but it was found that the formerly reasonably clean chimney gave excessive smoke. By adjusting the draught and thickness of firebed the nuisance was entirely abated, and a saving effected in the coal bill of 20 per cent. Further, it should be represented to factory-owners that an efficient stoker could reduce fuel costs, it being pointed out that when several small factories had been merged into a great combine the first thing that the new management did was to engage the services of highly competent chemist engineers, and chimney after chimney ceased to be a nuisance, not in the interests of public health, but solely as a result of the adoption of efficient methods of stoking. It would be good business for a firm to have an annual inspection by a competent engineer to instruct stokers, and suggest the latest methods of fuel economy, and consequently smoke abatement.

For example, the possibility of securing complete com-

bustion of the whole of the products of the coal, including, of course, the soot and ash, has led to the use of powdered coal injected into furnaces, and the fact that inferior coal can readily be consumed in a pulverised condition is a strong reason for continued efforts in this direction. The outlay in the cost of the pulverising equipment operates as a deterrent, but its employment on a large scale will always tend to reduce these costs.

### American Procedure.

Most American cities have taken up smoke abatement seriously, and have inaugurated campaigns for the suppression of the nuisance. Very briefly I might outline the work done in Salt Lake City as a recent typical instance.

The agitation for reform began in the winter of 1918-19, though there had been two previous attempts at reform which local and political influence had succeeded in stifling. The United States Bureau of Mines was induced to undertake the work. Congress voted 15,000 dollars a year, subject to an equal local levy. This was provided by the State and the city. Mr. Osborn Monnett, the smoke abatement engineer of the city of Chicago, was retained to investigate and report. Private houses were found to contribute 27 per cent. of the smoke. There were heating plants, smelters, railways, and other industries. The industrial plants and boilers were in a shocking state, running from 45 to 65 per cent. on the Ringelmann Smoke-chart, whereas in the cities with a reformed atmosphere they are not considered satisfactory above 2 per cent. It was found that the rarefied atmosphere in Salt Lake City, 4,500 feet above sea level, required 18 per cent. more area and 40 feet more height in the chimney than was needed in lower situations to produce the draught.

A Smoke Ordinance was passed on 1st November, 1920, dealing in some detail with boiler and heating plants, and how they should be operated. Any smoke denser than No. 3 on the Ringelmann Chart, lasting for over one minute,

violated the law. When fires were being cleaned and new ones built, six minutes were allowed.

A Smoke Abatement Department, with a staff of seven during the six winter months, was organised. The cost was 10 cents per annum per head.

The inspectors teach the firemen, show them how to stoke, take the shovel themselves, sometimes spending half a day or a whole day in showing how smoke may be avoided. They help as well as warn. Work was organised by 1st January, 1921.

An observer is stationed on the twentieth floor of a building with an outside balcony all round, from which all the city is visible. He telephones to any factory making smoke, and keeps records. Much smoke is made in winter before daylight, so that they had a searchlight to begin with when things were bad. This had a wonderful psychological effect on stokers. When they saw the light looking at them they stopped smoke, though often too far off for the rather weak searchlight to penetrate effectively. During what remained of the winter season industrial smoke was reduced by 46 per cent. before the summer season allowed any structural alterations to be made.

It appeared that there were 160 regular violators of the law, and 150 others whose plants needed, and would respond to, reconstruction. These plants were investigated in detail, and the owners approached with persuasion to put them right. The Smoke Department had no compulsory powers. The response was good, and 100 plants were reconstructed or replaced that summer of 1921. The following winter those particular plants reduced their smoke by 84 per cent. Next winter the railways joined in, and actually paid their own inspectors, first one, and then two, to stop their locomotives smoking. These men were practically additions to the staff of the city.

Police court proceedings were taken in 13 cases. They were all postponed to give the owners time to fulfil their promises of conformity.

The fourth winter saw the total reduction up to 93 per cent. With only 7 per cent. left of the smoke of 1920 a

minimum must be near. Smoke lasting under a minute is not counted. Only one plant came before the courts.

In New York steam locomotives are not allowed to come nearer than within about twenty miles of the city, and every main-line train taken into and out of New York is hauled by underground electric power. Many of our railway stations are as grimy as coal-yards, and it is no wonder when one sees how smoky even the better steam locomotives are.

Two of the principal churches in New York, St. Patrick's Cathedral in Fifth Avenue, and the beautiful Episcopal Church opposite, have been built for many years, and they are to-day almost as clean as when they were first erected; this is due chiefly to the fact that bituminous coal may not be burned in New York, and one is constrained to ask why London does not have somewhat similar regulations.

### Efforts in Great Britain.

In Nottingham a large factory for the production of smokeless fuel is being erected, and in Glasgow the Corporation are also putting down a large plant, rightly holding that to supply householders with smokeless fuel is as much a civic duty as the supply of water or the collection of house refuse.

There is no doubt that the provision of cheaper smokeless fuels, whether they be in the form of coalite, oil, gas, or electricity, would go further than any legislative enactments to remove the nuisance, and it is a significant fact that the employment of gas and electricity as fuel show a steady increase each year. In London the highest consumption of gas per acre is in the district of Harley Street and Wimpole Street, a fact which is rather interesting.

The employment of central-heating systems for blocks of flats and offices, the furnace of which is heated by smokeless coke, is of course a great gain. It requires little imagination to contrast the difference to a neighbourhood of a building of, say, 200 offices, each with its separate coal-fire, and the same building with *one* smokeless boiler.

### Necessity for Propaganda.

The question of propaganda is important. It is surely essential that public opinion should be stimulated to realise that while we rightly insist that the pollution of our rivers is a serious matter, the pollution of our air, entailing directly and indirectly an increase in the death rate, and a colossal tax through damage to property, is also sufficiently serious to warrant every effort being utilised to find means for its prevention.

"Burn smokeless fuel" is a slogan which might alternate with "Visit Wembley," shortly to be stamped across our envelopes, and the following suggestions brought to the public notice by newspaper, wireless, poster, or circular:—

(1) Burn anthracite coke or "coalite" instead of raw coal;

(2) Use gas fires, electric stoves, or central heating;

(3) Urge anyone building or moving into a new house to instal smokeless methods of heating or cooking (as surveyors we can easily do this);

(4) Urge the imperial, local, and municipal authorities to take action to diminish the pollution of the atmosphere.

If the various imperial and municipal authorities objected to circularising the inhabitants of Great Britain solely on the subject, I would respectfully suggest that some of the space on our income tax receipts now given over to advertisements might convey a homily on how the country might save the amount of the American annuity. Our rate receipts might be adorned with the statement of how the cleaning and lighting of streets item might be materially reduced.

In conclusion, I am conscious that I have only sketched the subject, but I think we shall all agree that this nuisance, which is, on a moderate estimate, costing the country not

less than £32,000,000 a year, and is, moreover, largely responsible for the C 3 population of our cities, is a matter which is not merely the concern of a few people who used to be regarded as cranks, but is a matter in which we, as surveyors, have a direct, practical, and financial interest, and that we should do all in our power to form that state of public opinion which in a few years will insist that this evil shall be abolished altogether.

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# TRANSACTIONS

OF THE

# SURVEYORS' INSTITUTION

SESSION 1924-1925.

AT THE ORDINARY GENERAL MEETING

*Held on Monday, 9th March*, 1925,

A DISCUSSION took place on a Paper entitled

## THE SMOKE NUISANCE IN TOWNS AND ITS ABATEMENT.

**By J. Gordon Elsworthy (Fellow).**

Sir EDWIN SAVILL, O.B.E. (President), in the Chair.

Sir EDGAR HARPER (Member of Council), in proposing a hearty vote of thanks to Mr. Elsworthy for his extremely practical and useful Paper, said that one could see that the author in writing it had been inspired by an uncommon degree of public spirit. Mr. Elsworthy came from a part of London which had much less than the average soot-fall per acre, and yet he placed himself in the forefront of the battle and championed the cause of the whole of his fellow-citizens. The Institution was indebted to him for the manner in which he had arranged the facts and the information he had placed

before them. He could easily, no doubt, have doubled the length of his Paper had he given all the illustrations and details he could have produced without much difficulty, but he had chosen rather to give the members time to ponder over and discuss the real substance of the question, and to see whether they could not help in some way to remove the evil which he had brought to their attention.

Personally he had intended to say something about the efforts which had been made in London, but he noticed that Mr. Ollis, the Chief Officer of the Public Control Department of the London County Council, was present, and Mr. Ollis would be able to tell the meeting the story of the fight against smoke in London better than anyone else.

He would like the author in his reply to clear up one point which was not clear in his Paper. On page 180 of the *Transactions* he gave a figure of 190 million tons of coal used in the United Kingdom, and in the next paragraph he gave the consumption of London as being between 17 million and 20 million tons. He said that 2,875,000 tons of soot resulted from the consumption of that 190 million tons of coal in the United Kingdom, but whereas the corresponding figure for the 20 million tons used in London would be a little over 300,000, it appeared from the Paper that the production of soot in London amounted to 470,000 tons. There must be some element in the calculation which was not given, and which it would be extremely interesting to know. There was another point he would like to mention in the same connection. On page 185 London's annual soot deposit was stated to be about 76,000 tons, as compared with 470,000 tons mentioned on page 180. It was clear that some different standard was adopted—perhaps it might be a difference in area. Before an advance was made into the open, care must be taken not to leave a flank exposed to the enemy's attack.

No one could read the Paper without coming to the conclusion which all those who had taken an interest in the subject in the past must have come to, namely, that the evil was very difficult to cure. At the same time it was remarkable that Nottingham, which had been one of the

greatest sinners in the past, had now mended its ways very considerably. He had heard only that evening, from a gentleman who was for years resident in Nottingham, that the smoke from the Nottingham lace factories was all white; there was no black smoke in Nottingham, for the very good reason that if there were it would practically destroy the lace trade. A clear atmosphere was necessary for the manufacture of lace, and the authorities had seen to it that the atmosphere was kept clear. When it was to people's advantage the smoke nuisance could be abated quite easily, and so there could be no excuse for those who persisted in polluting the air of London and other places with too much smoke. There was, therefore, a very good jumping-off ground when the case was made up and all the evidence prepared for approaching the proper authorities to secure such an amendment of the law as would bring wilful offenders to justice, and would give everyone an opportunity of knowing whether he, or anyone else, was exceeding the quantity or quality of smoke which was allowed as not being likely to do serious damage.

The question could hardly be called a local one, although at present the authorities which could deal with it were local authorities. On page 185 the author drew attention to the new industrial areas of Hendon, Hayes, West Ham, and Romford, which produced a considerable amount of soot that was carried away by the wind and fell on London. No precautions taken by the London County Council could possibly prevent that, and he did not imagine the local authorities of those areas would take much interest in protecting London. Their interest (quite properly, of course) was the interest of their own ratepayers. There must, therefore, be some general control.

There was a great deal to be said for the promotion of the use of smokeless fuel, and the increase in the number of gas fires during the last few years was reassuring. Speaking from personal experience, he could say that gas fires were a healthier form of heating than coal fires. He knew he would be offending one of the dearest susceptibilities of Englishmen, who liked to sit round the fireside. He liked

to do so himself, but he had found that with a gas fire he could in a very few minutes attain to the heat he wanted, and he could keep that heat equable for as long as he wanted; whereas with a coal fire one could never entirely avoid the danger of too great heat at one time and too little at another. It should be made widely known that heating with gas was equable, and could be controlled much more easily than heating with coal.

There was one other point he would like to mention. He had been considering the question of factories in London in connection with traffic. There was a danger in London of people being choked off their own streets, mainly because they had not taken sufficient steps to control their traffic, but partly also because there was far too much slow-moving traffic in the streets of London, and the slowest vehicle, of course, set the pace for all the rest and wasted the space in the road accordingly. If by some equitable measure it could be secured that, after the lapse of a certain number of years, there should be no factories in London, a great step forward would be made. London was the centre of Government, London was the banking centre, the insurance centre, the centre of commence and business of every kind. Why should it also be a centre of manufactures as well? If there were manufactures which could be conducted only in London he would have no word to say, but he did not think there were any of which that could be said. The moving of factories away from London would be a means of killing two birds with one stone. It would relieve the traffic problem in the London streets, and at the same time it would reduce the production of soot.

Mr. Arnold F. Hooper (Professional Associate), who seconded the vote of thanks, said the Paper proved most emphatically the need for some definite scheme for the abatement of smoke. The health of people who lived in smoky towns such as Manchester was seriously prejudiced by smoke. Dr. Tatham, a medical officer of health, as long ago as 1890 stated that the working life of the people in Central Manchester was contracted by ten years owing to

smoke, and that 30 per cent. of the lives were lost by the action of the acids of smoke and the carbon particles which operated on the lungs for years before they became fatal. A less serious, but none the less interesting, point was raised by a witness before the Government Commission in 1921. A comparison was made between the weekly washing costs of 100 properly comparable working-class households in Manchester and Harrogate. It showed an extra cost in Manchester of $7\frac{1}{2}d.$ per week per household for fuel and washing materials, or £290,000 per annum for a population of three-quarters of a million, making no allowance for the extra labour involved.

It might be asked what could be done and what was being done to remedy so deplorable a state of affairs. In London the South-Eastern and Chatham section of the Southern Railway (suburban area) was being electrified. That would have an enormous effect on the City and South London, and he would like to urge that the Great Eastern section of the London and North Eastern Railway, out of Liverpool Street, should be the next line to take the same course.

Each year better forms of gas and electric stoves were being brought out. Members of The Institution must, in varying capacities, be concerned with a very large proportion of the enormous amount of housing operations which were going on at the present time. He suggested that the following points should be urged by them: Cooking to be carried out by gas or electricity; water to be heated by independent coke-burning stoves; only one coal-burning grate (of an efficient pattern) to be installed, and that only to satisfy the universal preference for that form of heating in the living-room. Those members of The Institution who had influence with local authorities producing electricity and gas should urge that they should be produced at the minimum cost to the consumer, and that the charge for them should not be kept high to assist in the reduction of rates.

Finally, he would advise members to cultivate the habit of breathing through the nose, especially if fate compelled

them to dwell in towns. Country land agents, it would appear from reading the Paper, should live for ever.

The author had suggested Government propaganda and publicity. That had been attempted recently in the "walk "on the right" scheme, but without any result whatsoever. Englishmen liked strong methods and strong government, and he felt that persuasion in the present case was useless. What was wanted was strong government legislation. Local authorities must make the fullest use of the powers they already had. He noticed that in the latest book by Ford, the motor manufacturer, it was stated that some people said that smoke clouds were clouds of wealth, but in reality they were clouds of waste. London had been entirely different during the last coal strike. Mists were inevitable in London, situated as it was near the river, but the filthy London fogs could and should be avoided.

He had the greatest pleasure in seconding the vote of thanks to the author, firstly on account of the interest and importance of the subject of his Paper, and, secondly, as the author had been an active member of the Junior Meetings Committee, with which it was his own pleasure now to be associated.

Mr. W. R. Davidge (Fellow) wished to add his thanks to those already expressed for the interesting Paper the author had presented. There could be no doubt that the subject with which the Paper dealt had for many years been regarded as a subject for cranks. It had now passed that stage and become a very practical part of town progress. He was glad the proposer of the vote of thanks had raised the question of the figures given in the Paper, because he thought that was a point which required considerable explanation, why in the country, as a whole, 1/65th of the total coal consumption should be soot, whereas in London the proportion was twice as great. The other question—why 76,000 tons was given as the annual soot-fall in London, while the other 400,300 tons appeared to be taken away by sweepers in their bags—also needed explanation. There, obviously, was an explanation which the author would, no doubt, give in his reply.

A great deal had already been accomplished. Those who could remember, as most of the members could, the time when the old Underground Railway was propelled by soot and sulpher, would remember what a tremendous blessing it was when electricity was introduced. That was but a sign of the times. It was part of the general move forward, the general improvement which was taking place in all directions, and which was due not only to the efforts of the Coal Smoke Abatement Society, but to the realisation that it was an economic waste which not only caused harm to the people in general but threw away a large amount of valuable material into the air. There could be no doubt that it was absolutely uneconomic to turn smoke out into the atmosphere.

He was not sure he agreed in Sir Edgar's wholesale praise of the gas stove. He had recently built a house in which he had installed a couple of coal fires, but he had gas and electric-heating points in all the rooms in order to be able to test the effect of gas and electric-heating appliances. Personally he would recommend any members when installing gas fires, and gas only, to be very careful to provide a free exit for the fumes no matter in what direction the wind was blowing. The danger in the increasing use of gas flues was that twice out of every three times the wind blew in the wrong direction and caused the fumes to come back into the room. If a free outlet were secured the gas fire had a great deal to be said for it, but it was not altogether pleasant. One was too hot when near the stove and unpleasantly cold elsewhere in the room. In those rooms where he had gas fires he also had a portable electric stove, which he found gave a more equable temperature and cost rather less. He only gave that as a personal experience, but it showed there might be more than one solution to the problem.

There was no doubt that the nuisance from coal smoke was a very old one. Three or four hundred years ago there was a statement that, owing to the non-arrival of the colliers from Newcastle by reason of the heavy winds, the absence of smoke in London gave very much better fruit in the orchards in the Strand than there had been for some years

previously. Each generation had done its little bit to improve the general air of London.

He had been impressed by the point Sir Edgar Harper had made as to the increasing number of factories which were being built in the west of London, in the direction of Hayes. There could be no question but that the cutting up of smoke control into small areas, each under a different authority, would sooner or later have to be altered. It was absolutely essential that the big coal-consuming factories should not be put where they were not wanted. He was glad to see the new factories in the Hayes area were not very large consumers of coal; but one of the first essentials in town development was that the placing of factories should be controlled, not only from the point of view of efficiency with regard to smoke abatement, but from the point of view of the efficiency of the factory itself. It was a wrong principle to carry 10 million tons of coal to the factories and have the goods from those factories carted through the streets in all directions. Quite obviously, from the point of view of the efficient development of the community, there must first of all be some system by which a factory was placed in a position where it could be run efficiently, near railways, waterways, and so on. It was also necessary that the goods to and from those factories should not congest the streets as they did at present.

He hoped it would not be found necessary to erect a twenty-storey building to observe the nuisance, because that might be a greater nuisance than the smoke.

The connection between smoke and fog was interesting. At the bottom of page 185 the author rather suggested that smoke and fog were the same thing. They were not quite the same thing, but there was, no doubt, a close connection between the actual effect of the two on the individual.

Personally he thought it would be found that the railway companies were very great offenders indeed. He knew a railway company (which he would not name) on the south side of the river on which regularly, as one got a few miles from London, one would hear on the roof something which sounded like hail, but which was in reality cinders and ash

blown from the engine itself. Certain parts of that railway were to be electrified shortly, and he hoped the process of electrification would be as rapid as possible. Large consumers should be the first to be dealt with in any remedial measures which were taken; but he felt it was not so much propaganda that was needed as actually showing the producers of smoke that it was more economic, and a better financial proposition, for them to consume their own smoke and get the full value from the money they spent in fuel. Not only was it more economical from the point of view of ensuring better health, but from the point of view of fuel economy.

He felt that a great advance had been made, and would continue to be made, by the continuance of the method which had been adopted in localising, as far as possible, the great industries in positions where they could be most efficiently conducted, and also by a close study of the methods of fuel economy, together with the increasing use, as far as possible, of smokeless fuel.

He had great pleasure in supporting the vote of thanks to the author, and he was very grateful to the author for the amount of information given in the Paper.

Mr. J. Ollis (Visitor) (Chief Officer, Control Department, L.C.C.) said in the first place he desired to thank The Institution for inviting him to be present that evening. There were one or two observations he desired to make on the extremely interesting Paper which had been read, one of which was that he thought it would be found that the number of cooking and heating appliances fed by coal gas in London was much larger than the figure given in the Paper. In 1923 the Council, in preparing a report on the smoke question for the information of its members, calculated that at that time the total number of gas stoves and gas-cooking and heating appliances in use in London was 2,109,602. Another observation he would like to make was that in choosing the Ringelmann smoke scale for purposes of comparison, the author had chosen a scale which local authorities had found to be the best for practical purposes.

He presumed the meeting would rather hear from him the view adopted by a smoke authority than general observations on the Paper. The Council took a very great interest in the administration of the law with regard to the smoke nuisance, as the members would readily appreciate; but the Council was not a sanitary authority as understood by the Public Health Acts, and was not, therefore, a smoke authority of first instance. It had duties to discharge in connection with smoke, however. If any of the sanitary authorities of London were in default in discharging their duties, the Council could step in, and it was therefore a smoke authority of second instance. From that point of view it had, as he had said, taken a great deal of interest in smoke questions.

In addition to the Public Health Act in connection with the smoke nuisance, there were Railway Acts and the Locomotive Acts which contained provisions dealing with the smoke nuisance from railway locomotives and road locomotives. As those statutes did not direct that the section should be enforced by any particular authority, the Council had undertaken that branch of smoke observation. It kept up regular observation on road locomotives in the streets of London, and prosecuted offenders. It also worked in very close co-operation with the railway companies running into London in connection with the smoke nuisance from railway locomotives.

So far as the railway companies themselves were concerned, he could say positively that they were anxious there should be no smoke nuisance from their locomotives, but they were very largely in the hands of their drivers. The locomotive having been properly constructed, it was upon the driver and the fireman that the company had to rely for the prevention of the smoke nuisance. The railway companies of London had, with great courtesy, allowed the Council's officers to go on their locomotives, see all their working arrangements, and see the instructions under which their servants worked. They got into communication with the officials of the line who had to look after the firing-up depôts, and who looked after the firemen to see the various

instructions were observed, and to some extent watched the coal bill. The Council's officers, in connection with that work, had been on the cabs of locomotives, and had gone with them many times, as far as Dover, for instance. They had seen the locomotives working under all kinds of conditions, and they were assured that, so far as the company themselves were concerned, there was every desire to avoid creating a smoke nuisance. The companies also had an economic interest in the matter, because when a locomotive had been properly constructed, and all its parts were in proper order, a good fireman would run that locomotive with a far smaller coal consumption than a careless fireman. It was an axiom, he believed, in the railway world that the best fire in a locomotive was the one which consumed the minimum quantity of coal; and in practice it had been found that, when working the engine in that way, there was very little smoke discharge from the funnel. As a matter of fact on one occasion an officer of the department ran with a locomotive from Victoria down to Dover, and although the engine was working under difficulties, being now and again brought up by adverse signals, the fireman, by his careful stoking of the engine, ran the locomotive to Dover without emitting any smoke which could be regarded as a nuisance. In the course of that run the locomotive consumed $2\frac{1}{4}$ tons of coal. From that could be gathered the amount of coal which the locomotives on all the railway systems of England consumed.

No excuse was needed for saying that the law was defective, because in the last three years the Ministry of Health had introduced Bills for the amendment of the law. If the Ministry were satisfied, as they must be, that the law was defective, no one need hesitate in affirming that it was. The Bill quoted in the Paper had gone a stage further. Last year, when it was before the Select Committee of the House of Lords, it was improved in several respects. Unfortunately the House dissolved, and the Bill was dead from that stage, but he presumed that when the Ministry of Health re-introduced it, either during the present or the next Session, it would appear in the form in which the Lords Committee last left it.

Although the date of the statute was quoted as 1875, he would like to point out that the statute in its present form was really very much older. The statute of 1875 was nothing more than an embodiment of the Sanitary Act of 1866 as far as the smoke provisions were concerned. The London statute was an embodiment of three previous Acts, the Sanitary Act of 1866, the Smoke Abatement Act of 1856, and the Smoke Act of 1853. Although London had a statute twice as long as the country outside London, that statute was no more effective than the Public Health Act of 1875. The parent Act of the Acts he had mentioned appeared really to be the Towns Improvement Clauses Act of 1847, which was an Act passed to prevent the local authorities having to come to London year by year to obtain powers. He would like to read an epitome of that section, because it was really an improvement on the statutes that succeeded it. Leaving out the words which were not vital to the meaning from his point of view, the section read:—

> "Every fireplace or furnace constructed after the passing of the special Act" [that was the Act which would give effect to the particular section in question] "in order to be used within the limits of such Acts in the working of engines by steam, or in any mill, factory or in any manufactory, shall be so constructed as to consume the smoke arising, and a fireplace or furnace existing at such date and used for the purposes aforesaid not so constructed as to consume smoke shall within two years be so altered in its construction as to consume such smoke."

That section was really a considerable improvement on the section quoted in the Paper, because there were no limiting words. There were no such words as "as far as "practicable," which had been the stumbling-block in the administration of the Acts in which they appeared.

He wished to refer briefly to the difficulties encountered in the administration of the Act. The provisions of Section 9 of the Public Health Act, 1875, would be seen by a reference to the Paper.

It had been found in practice that that section was absolutely useless as a measure for abating the smoke nuisance, because the local authority had, in the first instance, to satisfy the magistrate that the fireplace or furnace was not constructed "as far as practicable" to consume its smoke, and then, in addition to that, the magistrate was almost invited, if he had any doubt on the point whatever, to dismiss the summons.

The other part of Section 91 of the Public Health Act, 1875, upon which local authorities had to rely, and on which the local authorities in London had also to rely, was that which provided that "any chimney (not being the chimney "of a private dwelling-house) sending forth black smoke in "such quantity as to be a nuisance shall be deemed to be a "nuisance liable to be dealt with, summarily, in manner "provided by this Act." That was the only part of the section in the Public Health Act of 1875, and the only part of the London statute, which was of any value to the local authorities in dealing with the smoke nuisance. The local authority, however, had to prove that the smoke was black. If the defence in any way shook the mind of the magistrate on the point of blackness, the magistrate would dismiss the summons. Any smoke nuisance which was a little less than the definition of black smoke was free from any prosecution.

The Paper referred to the case of Lots Road. He supposed that anyone who lived in London, and particularly in the west of London, and whose memory was fairly fresh on the point, must know that almost from the beginning of the bringing into use of the Lots Road Generating Station a very serious nuisance indeed was created. There were four chimney-shafts at that station, and in the old days very heavy volumes of smoke, which nine men out of ten would call black, were discharged for long periods—one might almost say continuously—from those shafts. The people in the neighbourhood complained very bitterly of it, and after a time the local authority took proceedings before the Justices in the Petty Sessions in 1905. They obtained a conviction on the summons, but the penalty, of course, was a negligible

one to a body of such financial standing as the corporation owning the generating station. After the proceedings were taken, the nuisance still continued; and in 1906 the authority took fresh proceedings, and after a lengthy hearing the court dismissed the summons, but allowed no costs to the defence. After that the nuisance still continued, and pressure was put on the local authority to prosecute again. They did prosecute again, and on that occasion the corporation owning the station put up a most elaborate defence; they employed experts whose services must have been obtained at great expense, and the hearing extended for seven days. The well of the court looked like a chemist's laboratory, and everything was done to create a most impressive effect on the mind of the magistrate and convince him that the smoke was not black, that it was not possible for any chimney to send out black smoke, and that, if any smoke was emitted from the chimneys, it could not be described as any grosser colour than grey. The magistrate dismissed the summons, and awarded three hundred guineas costs to the company.

The effect of that decision, not only on local authorities in London, but on local authorities throughout the country could be imagined. On an unwilling or nervous authority the effect would certainly be to prevent them taking any further proceedings, at any time for black-smoke nuisances.

Another defect in the statute was the slowness of the method for enforcing the law. If a man were found keeping a dog without a licence, he would get a short notification that, unless he paid a modified penalty, proceedings would at once be taken against him. There was no warning as to what he had to do, and the same was true of many other offences under the Public Acts applying to local life in this country; if a man committed an offence he was summoned and prosecuted. It depended merely on the convenience of the solicitor who was prosecuting as to how soon the summons followed the offence. With regard to smoke nuisances, however, the procedure was quite different, and he desired to read in that connection a description by a medical officer

of health of the procedure which was necessary. That gentleman said :—

> "One of the weaknesses of the statute is the length of time involved before proceedings can be taken. When an observation has been taken and an offence as above defined has been committed, the inspector serves on those responsible for such offence a memorandum giving particulars of the offence. Then he reports the offence to the next meeting of his Public Health Committee and authority is asked for legal notice to be served requiring that the nuisance shall be discontinued. This authority being given and confirmed by the Council, the notice is served. If, after this, a further offence is recorded, a memorandum is served on the firm, and the authority of the Council is obtained to prosecute. If no offence is observed during the twelve months subsequent to the serving of the notice, the notice is regarded as having lapsed, and, should the need arise, the process starts afresh."

That was a very dilatory procedure, when it was considered that in a place like London nearly all the premises from which serious nuisances arose only produced smoke by the use of steam plant, and it had been shown clearly over and over again by all engineers, except when they were giving evidence for the defence, that it was quite practicable to construct furnaces of that kind and work them so that they discharged no smoke. That had been established for years. He might refer to Bryan Donkin, an engineer who, thirty years ago, carried out a long series of experiments on the heat efficiency of boilers. One might also refer to the present Paper, where the author referred to the committees that considered the smoke trouble of fifty years ago. The concluding words of the paragraph on page 180 of the Paper were of great interest.

Those committees must have been satisfied by the evidence of eminent engineers, that even at that time there was no occasion for tolerating the smoke nuisance. If that were true at that time, how much more was it true

to-day, with all the advance in engineering construction which had been effected?

That was one of the principal recommendations made by the London County Council for the amendment of the law; it was one thing they had definitely focussed upon. Their resolution was recorded in these words:—

> "Serious emissions of smoke from steam-raising plant and similar plants of all kinds, including locomotives and steam vessels, should be an offence rendering the offenders liable to a penalty which should be increased with every occurrence of the offence, and a simplified procedure should be prescribed for dealing speedily with offences."

That, and the other resolutions which went with it, were duly forwarded to the Ministry of Health in the hope that they might, in some form or other, appear in the Bill for the amendment of the law which the Ministry of Health was producing.

There was one other point in connection with the administration of the law that he would like to mention, namely, that in addition to the difficulties of applying the law, curious freaks of ill fortune sometimes attended a local authority in enforcing it. On one occasion in London, near the river, there was a serious smoke nuisance, and the local authority seemed somewhat reluctant to prosecute. After considerable representations by the Council they did prosecute, and he thought they prosecuted quite actively with every endeavour to be successful. The magistrate, after hearing the proceedings at some length, without committing himself to any opinion, said that he thought there was some doubt about whether or not the smoke discharged from the particular chimney in question was absolutely black, and to assist him in dealing with the matter he thought it would be prudent on his part to go down and have a look at the chimney. He mentioned in court that at a particular time on a particular day he would go down and look at the offending chimney. It would easily be imagined what the result was. When he went down to look at the chimney

one might have passed a spotless linen handkerchief over the shaft of it without getting it dirty. On a further hearing of the case, the summons was dismissed, whether with costs against the prosecuting body or not he could not say.

It was within the experience of the Council and his own knowledge that the nuisance from which London suffered in the way of smoke was really unnecessary, and it was the cause of a great waste of fuel. The author had referred, in his Paper, to the changes which took place when businesses were brought under the control of combines. He himself knew of a case where a combine had taken control of several factories in London. The supervision of those factories was split up among various directors, and one director, with whom he was acquainted, went over the whole of the part under his control to see what economies he could effect. Having got down to the furnace-room, and taken stock of the expense of running the furnaces, he came to the conclusion that an unnecessary amount of money was being spent for coal, and he did his best to instruct the stokers and the furnace-men in the proper working of the furnaces. He promised them a proportion of any saving on the coal bill that could be effected. That gentleman had told him that a considerable saving on the coal bill resulted, and the men were only too pleased to co-operate with him when they knew they were going to benefit by their care. He did not know whether there was less smoke from the chimneys in consequence because he had not troubled about it, but he said that he had not been worried by the sanitary authority for a long time. It was a curious fact that another section of the factories of that combine frequently produced a considerable amount of smoke nuisance. It was obvious that what could be done in one place could easily be done in another, and a change in directorate might result in improvements being effected.

In connection with the administration of the law, he would like to refer briefly to what was being done in Halifax. He did not know whether the author had had his attention drawn to the practice in Halifax, but it was of great interest

to all those interested in smoke prevention, and to local authorities. The practice in Halifax was to try to work in unison with the user of the furnace, and induce him to employ better methods in the maintenance of the furnaces and in the training of his stokers. The medical officer of health for Halifax, in reporting the work for the year, gave an extract from the report of the principal officer concerned which said:—

> "The present method (and I believe Halifax to be unique in this respect) is to provide owners of boiler plant with technical advice, prove to them the economy of smokeless combustion, and by so doing obtain their co-operation, only using the legal process as a last resource. Having located the offending chimneys by the reports of my colleagues or otherwise, I have spent considerable time and trouble in careful inspections of the boiler plant concerned, together with a study of the fuel and methods of firing used, in order to locate the cause of the faulty combustion. Having found the cause of the smoke by this means, I have interviewed the owners or their representatives, and carefully explained to them the reason why, at the same time suggesting the remedy together with the probable economy in fuel to be expected as a result of improved methods. The results have exceeded my most optimistic anticipations. I foresee the time when every manufacturer in Halifax will be his own smoke inspector. It is not suggested this form of highly technical work is the duty of the health department, but I submit that by assisting the owners in a specialised and generally neglected branch of their business more has been accomplished in one year than by twenty years of reliance on legal procedure only, and I now feel my years' study of the subject to qualify as a smoke inspector have not been in vain."

In conclusion he ventured to suggest that the work of that gentleman, and the officer under whom he worked, was worthy of everyone's attention.

Mr. L. J. Veit (Fellow) (City Engineer of Westminster) said he had much pleasure in associating himself with those who had congratulated the author on his Paper, which was an exhaustive essay on the subject of smoke abatement.

As far as the city of Westminster was concerned, the Public Health (London) Act, under which the smoke nuisance was dealt with, was administered by the Medical Officer of Health. Out of the eight or nine sanitary inspectors in Westminster, there were two who, as part of their duties, had to see to smoke troubles. Westminster, however, was not a manufacturing centre but a business and pleasure quarter, and apart from a certain amount of trouble from hotels and restaurants, not much difficulty was experienced. The law was difficult to administer, as there were so many loop-holes in it; for example, black smoke was a difficult thing to define. The last case dealt with in Westminster was against a big catering firm which had recently erected a large building in Coventry Street, and although the summons was dismissed they had to pay the costs. The practice was to allow them to have three minutes' smoke, at intervals of half an hour, when stoking up. In the case in question oil fuel was used, and the difficulty was that the plant was a large one and those in charge of it lacked experience.

Everyone was agreed as to the great trouble caused by smoke; it was the result of a most costly method of burning fuel, both from the commercial and domestic point of view. There was every inducement, on both the commercial and the domestic side, to avoid creating smoke; not only did the avoidance of smoke save subsequent trouble, but it was more economical. In spite of that, the trouble continued, and seemed largely due to bad stoking. It was extraordinary how difficult it was to get people to stoke up properly, even when they had experience. They got careless, let the fires down, and then tried to hasten matters by putting on a lot of fuel. Trouble was then sure to result.

At the Great Smith Street baths of the city of Westminster some difficulty had been experienced, not on account of smoke, because the fuel used was coke, but on account of fumes, owing to some new tall buildings being erected close

by. He had gone into the matter carefully to see what could be done in the way of getting rid of the fumes, and came to the conclusion that the best thing to do was to pull down the old chimney, which was 87 feet high, and erect a new one 150 feet high. That was done accordingly.

The smoke difficulty, although it was not grave in Westminster, was a very real one, but if the present legislation could be amended, and people were taught the advantages of avoiding smoke (that was the important point) there would be no need to despair. Progress was bound to be slow, but much had already been accomplished. He could remember the days when the Underground Railway was worked by steam, but that stage had been passed. The tube railways would have been impossible with coal-burning engines. A great deal of electrification work was going on round London at the present time, and he knew from his friends in the gas and electric industries that the advance in gas heating and electric power and heating was enormous; he thought, from Mr. Ollis's remarks, it was very much greater than was generally believed. All the fires in his own house, except one, were gas fires, and he knew one had to wait a long time to get a gas fire fitted up on account of the great demand. That was all to the good, particularly in a place like London. Central heating was being installed in new buildings which were being erected, and, from these causes alone, he was quite sure that the next ten years would see a great improvement.

The progress already effected was obvious. He had had a long experience of London conditions, having served his articles in London forty years ago, and in those days thick pea-soup fogs were of almost daily occurrence during the winter months. To-day it was seldom that a really bad fog occurred. In Westminster there was a special system of lighting in use during fogs; special flare lamps were used. There had been four days of fog during the present winter —two days in December, and two in January—and the extra lighting cost over £800 for those four days. The ordinary expenses for street lighting were £48,000 a year. If that extra cost due to fog could be avoided, it would be

very desirable to do so, and the figure he had mentioned represented only the actual cost, and did not take into account the great inconvenience to the public and loss of time occasioned.

One could also see the ill effects of fog smoke by noticing what happened to paint-work. Westminster had recently adopted aluminium paint for street iron-work with satisfactory results, but it got dirty very quickly. The dirt in the atmosphere made it look filthy in a short space of time, and it cost £700 per annum to clean it. The paint was quite as good after a year or two as when it was first on, and after cleaning looked just as good; but in a few months it became a dull lead colour.

If the advantages of avoiding smoke could be impressed on the public, and more powers obtained by legislation, great benefit would be derived.

Mr. W. H. Becket (Visitor) (Gas Light and Coke Company) thought there was one point which had not so far been brought out in the excellent discussion which had taken place, namely, that though about 100 million tons of coal were burnt for steam raising every year, practically the whole of it was burned under the observation of fairly experienced engineers. The control exercised by the local authorities also tended to see that that coal was burned reasonably well. As against that 100 million tons used for steam raising, however, which represented about half the consumption of coal in the United Kingdom, must be set 35 million to 40 million tons which were used for domestic heating, over which there was no control whatever. It was the domestic chimney which was the worst offender in the country, not the factory chimney. Legislation in future would have to deal more particularly with the domestic chimney than with the factory chimney if the smoke nuisance was to be overcome.

With regard to the great growth in the use of gas for heating and cooking, it might interest the members to know that the figure for gas cookers for the United Kingdom for 1925 was 5,450,000. That figure, moreover, represented

only the apparatus known by the gas companies to be in use; there might be twice as many in use actually. In the area served by the Gas Light and Coke Company, that Company was adding about 50,000 heating and 25,000 cooking stoves a year.

Mr. Davidge's experience of gas heating had been unfortunate. He sympathised with Mr. Davidge's troubles, because the gas industry was suffering from the same thing; houses were being built with gas fires installed throughout, but the flues, which should have ventilated the gas fires, were frequently not recognisable as flues at all. They were taken through outer walls at any and every angle and to impossible positions, and often were quite inadequate in capacity properly to ventilate even the smallest size of gas fire.

The gas industry would greatly welcome any assistance from architects and surveyors towards inducing builders to regard the gas fire flue as a flue and to insure that it was properly constructed and discharged at a point at least as high as the highest portion of the roof. The area of the flue need not be the same as for a coal-fire flue; for a 10-inch gas flue 20 square inches was all that was necessary, but it must be carried out in the same way as a coal-fire flue and treated as such.

Mr. Davidge's statement as to the comparative efficiency of gas and electric methods of heating was hardly fair to the gas industry. A simple calculation would show that it was not possible for electric heating to be cheaper than gas unless Mr. Davidge was favoured with a very low rate for electricity. Though the efficiency of a gas heater might be taken as 65 in comparison with the 100 of an electric heater, the gas fire was considerably cheaper, because it gave more heat for a given sum of money than could be obtained with electricity. Mr. Davidge's statement that with a gas fire he was cold at one part and hot in front was easily explained. If he lit his gas fire a reasonable time in advance, so as to give the whole room time to warm up, Mr. Davidge would not experience the feeling he complained of; but if he only had the gas fire

going for a quarter of an hour he would naturally not expect a comfortable temperature.

The best method of securing smoke abatement was a combination of partial central heating and gas heating. Partial central heating by smokeless fuel would warm the corridors, halls, and passages, supplemented locally by gas fires which could in such circumstances be used economically, hygienically, and efficiently. Such a combination of the two methods of heating would result in a high degree of comfort and convenience at a low cost.

It had been said that gas heating was not altogether hygienic, and to refute that he would like to cite the instance of Westminster Hospital. About ten years ago gas fires were installed right through that hospital, and the system proved extremely satisfactory. Portions of that hospital had just been reorganised and rebuilt to bring them up to date, and 150 gas fires had been installed. He was sure their experience had not been quite so bad as Mr. Davidge's, or they would not have attempted to go on with it. Gas fires were hygienic provided they were properly fitted and ventilation was attended to. All gas undertakings were now training their men in questions of ventilation, and if any of the members had difficult questions of ventilation to deal with in regard to gas fires, the gas undertakings of the country would be only too glad to put expert advice at their disposal.

Mr. H. A. Desvœux, M.D. (Visitor), said he was present that evening at the kind invitation of The Institution, and he was one of those who had been referred to as "cranks." Judging from what he had heard that evening, he thought he could say that he was no longer a crank, but in the past he had been considered to be one, and had been told that the only place suitable for him was a mental asylum. He was speaking of 25 to 30 years ago, when he first took up the question of smoke abatement in London. Together with Sir William Richmond he helped to form the Coal Smoke Abatement Society, and he had been chairman of the Committee of that Society since 1899. The Society imposed on

itself a very difficult task. They had hardly a friend in London. They were unable to get subscribers to start with; even the Gas Light and Coke Company looked at them askance. That company turned a deaf ear to the weekly letter which he used to write to them, begging them to take up the question of heating by gas, but for some years all his letters went into the waste-paper basket. He had told them over and over again that they had the biggest fortune in the world before them if they would only take the trouble to make it. The whole of London, he told them, was heated by dirty, bituminous coal, whereas it could be heated by gas if only they would bestir themselves. It was not for some years, however, that they began to do so.

At that time there were under 100,000 gas fires in London, and they were the filthiest things imaginable. Almost every room heated by a gas fire smelt of uncombusted gas. Many were put in without any chimney, and all the fumes came into the room. He had suggested that instead of getting an organ grinder who was out of work to put in the gas fires, it would be better to train some men to do it properly. The result of that suggestion had been given by another speaker; instead of 100,000 fires there were now about 3,000,000 in London. There were many other tasks the Society had to perform. They had to convert, *pace* Mr. Ollis, the London County Council. Mr. Ollis did not then occupy the position he now held, but in justice to the London County Council he ought to say that they were the first body in London to be convinced. There was no body that really helped the Society except the London County Council, and that was due largely to Mr. Ollis's predecessor, who was then the head of the Public Control Department of the London County Council, and who was one of the few really enthusiastic smoke abaters in London at that time. He thought Mr. Ollis had worthily assumed the cloak of his predecessor, because he too was a genuine smoke abater.

The members of the Society were regarded as "cranks." People said the fogs of London had existed for 400 or 500 years, and that the Society could, therefore, scarcely hope

to get rid of them. He had replied that if one would only look at the fog, one would see it was mostly due to smoke. In the '90's there were 35 to 40 black fogs every winter, on an average—never less than 30 and sometimes over 40; the average would be about 35. His old friend Mr. Grove, at last a convinced smoke abater, told him that the Society had done no good. He was offended at that, because if any of the members were as old as he was, and could remember London in the early days, they would remember what fogs there were. He remembered fogs in London which had lasted for a week, and in particular two distinct weeks where whole houses had to be shut up, the windows shut and the blinds drawn down for days at a time. In his own house the blinds were drawn one Thursday morning, the electric light turned on, and the windows could not be opened or the blinds drawn up again for an entire week. That sort of thing could not occur at the present time, as, although the atmosphere was the same to-day as previously, the smoke did not exist to the same extent.

The Society had to convert all the councils in London. For the purposes of regulation in London, the air was divided up into 28 compartments. There was some difficulty at the moment because public-houses could be open on one side of the street after 10 o'clock at night, whereas on the other side they had to be shut; but such difficulties were small compared to that of dividing the atmosphere in London, which was always moving at not less than three miles an hour into 28 compartments. In the environs of London there were many local authorities in addition to that 28, so that the air in and around London might be said to be divided into 40 compartments.

The surveyor of the city of Westminster had said that no difficulty was experienced there nowadays, but at the time when he himself went on to the Council of Westminster to try to get rid of the smoke nuisance, conditions were very different. It was one of the absurdities of the present position that so many authorities dealt with the atmophere. Not much improvement could be effected in London until there was one big central authority which dealt with the

atmosphere, and the only central authority that could do that was the London County Council.

That was one of the first improvements in the law which should be made; there should be big central authorities to deal with the smoke nuisance and not little authorities, many of the members of which were the chief offenders themselves.

The Society had been the means of bringing pressure to bear on the local authorities in London to stop the smoke of 900 factory chimneys in and around the metropolis. That had made a great difference to the air of London. Until the last few years, however, the Society had not only not been helped by the Government, but had been directly opposed by the Government. Under the Public Health Acts of 1875 and 1891 London had its own Act, and if a local authority failed in its duty of getting rid of the smoke from a factory chimney in London, the London County Council could say that if it did not prosecute, they would, and at its expense. Outside London the supervising authority in those days used to be the Local Government Board; it had now been superseded in those duties by the Ministry of Health. West Ham was just outside the boundaries of London, and West Ham, where there were a great number of factories, would do nothing in the way of securing smoke abatement.

The Society, in those days, was able to afford the services of an inspector, and every fortnight they sent his reports of the smoke nuisance in West Ham not only to the West Ham authorities but to the Local Government Board, but nothing was done. He then thought he would pay a personal visit to the chief officer of the Local Government Board dealing with smoke nuisance. He was received very graciously, and he asked what had happened to the Society's reports, which by then amounted to over 2,000 complaints. He was told that nothing was going to be done about them; the official said his staff was overwhelmed with work, and were not going to take on another subject. The heads of the department were then tackled in Parliament, but all gave the same answer; they were not going to take it up.

One of the speakers in the discussion had said that no more propaganda was needed, but personally he thought it was. He thought he could say with justice to the Society that it was largely due to the propaganda that they had carried on that public opinion had now been aroused. The public were now being informed daily that the smoke nuisance was a curse and ought to be got rid of, and he felt sure that the subject would not be allowed to drop. He was glad to see that surveyors had taken up the subject officially. If surveyors, who surveyed the earth, the ground, and the houses, would begin to survey the smoke nuisance, it would be all to the good, for the smoke nuisance was not only up in the air but affected the buildings in which surveyors were interested. It affected the buildings in Westminster, and it affected the colleges at Oxford ; every one of them was being destroyed, and £20,000 or £30,000 a year had to be spent in renewing them.

He had seen one building in London during the past week which had interested him very much—that of the British Medical Association. When it was put up some nude figures were placed on the third-floor elevation, and considerable noise was made in the papers about the unchastity of showing nude figures in the Strand. He would like to point out, however, that those figures were no longer nude. They showed clearly the effect of smoke in London. Although one side of the figures was still nude, the other was not; on one side they were covered with a layer of soot from head to foot. That was a common thing with smoke ; it would attack one side, and not the other. The reason, which the members as surveyors would appreciate, was that the rain would wash the soot off on one side, but did not come on to it at a strong angle on the other side, and therefore could not wash it clean away.

The vote of thanks was then put, and carried with acclamation.

Mr. Elsworthy, in reply, thanked the mover and seconder of the vote of thanks for what they had said, and

the meeting for the way in which they had received it. He had merely sketched the outlines of the subject, but the resulting discussion had been of the greatest interest.

Sir Edgar Harper had asked him a question with regard to certain figures given in the Paper. The crux of the matter was briefly that the soot which came from the factory chimneys represented roughly about 0·5 per cent. of the coal consumed, and the soot which came from the domestic chimneys represented 6 per cent. of the coal burnt. In other words, of the 190 million tons of coal used annually for all purposes in the United Kingdom, 35 million tons were used for domestic purposes, and 6 per cent. of that amounted to 2,100,000 tons of soot; 0·5 per cent. of the 155 million tons used in factories resulted in only 775,000 tons of soot. Twelve times as much soot was produced from domestic fires as from factory chimneys, which accounted for the discrepancy in the figures. In London about 7 million tons were used for domestic fires, and 6 per cent. of 7 million tons gave 420,000 tons of soot; 0·5 per cent. of 10 million tons from all other fires gave only 50,000 tons of soot. In London the proportion of soot which came from domestic fires represented 89 per cent. of the whole, so that the 89 per cent. dealt with on the 6 per cent. basis was responsible for a greater figure than was given for the other area. With regard to the difference in the soot-fall, the amount of soot produced in an area was not the amount which fell in that area. A great deal of the soot was taken away; the London soot was deposited as far away as such places as Tring in the west and Farnham in the south, and over the intervening area. Of the 470,000 tons produced in London, about 400,000 was spread over the surrounding country, and only about 76,000 deposited in London. A great deal depended on the rate of the prevailing winds of the district as to whether the soot dropped in the area or was spread elsewhere.

With regard to the number of local authorities, he thought there were, roughly, 1,800 local authorities which were supposed to administer the regulations with regard to soot and smoke control in England. There was a proposal that the whole of the authority should be put under the

Ministry of Health, and certain definite areas assigned to certain of the councils, to do away with the multiplicity of little bodies who were now supposed to control the situation.

With regard to Mr. Hooper's remarks, he agreed that strong measures were wanted, but had thought it better to coo very gently to his audience, and had therefore only suggested propaganda. If strong measures could be introduced he thought it would be a good thing. He might mention in passing that he thought the publication of the Paper would relieve the anxiety of a large number of the members of The Institution. There was a feeling abroad when the Paper was announced that it dealt with tobacco smoke.

Mr. Davidge had suggested that in the Paper smoke and fog were dealt with as synonymous, but he did not wish to convey that impression. He did not think for a moment that fog would be done away with, but the point was that a black fog hung about for so long and was so difficult to disperse. The sea mist or marsh fog, which sometimes occurred on the south coast, was quickly dispersed by the sun, but a black fog took a long while to disperse.

With regard to railway trains, he had mentioned that in New York all the main line trains had to drop their engines 20 miles outside the city and were hauled in by electric traction. Smoky engines were not allowed to come near the centre of the town. If English railway companies could not electrify the whole of their systems, they might adopt some measure of that kind.

Mr. Davidge thought it would be very much better if there were people appointed to instruct the stokers in their work instead of carrying out propaganda. On the principle that example was better than precept, he thoroughly agreed with him.

Mr. Ollis had raised a point with regard to the number of gas fires given on page 185 of the Paper. That figure related only to the gas-heating appliances which were *hired*. Those were the only figures he could get. He quite believed there was a large number which were owned, but the only figures he could get from the gas companies related to hired apparatus.

In conclusion, he desired to thank the members for the way in which they had received his Paper.

The proceedings then terminated.

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The following written communication has been received from Mr. CUTHBERT LAKE (Member of Council) :—

Time did not permit of my taking part in the discussion last evening, but there are one or two points where I think we surveyors, particularly the younger members of our profession, may give useful service towards the abatement of the smoke nuisance.

We know that it is a symptom of waste resulting from faulty combustion.

In our own management problems where we have buildings to heat, we do, as a matter of routine, keep some sort of record of the consumption of coal, and we keep an observant eye on the furnaces and the stoking.

Those of us who have a sufficient number of furnaces to make our custom worth while, are for a very small payment able to obtain advice on the best method of stoking, particular furnaces, and when installing furnaces make a practice of seeing that, on the first few occasions of lighting, the contractor instructs the man in whose charge that furnace will be as to the method of getting the best results.

It is startling to find the saving in coal, chimney sweeping and other items resulting from this instruction in office and flat buildings, where close attention has previously been absent.

In connection with new estates and even in existing housing estates it is too often found that where there is a coal grate it is wasteful in heat and fuel, and when putting in new stoves, grates, cookers, &c., attention should be given to their efficiency, for a good stove properly stoked gives off very little smoke. Incidentally it attracts also the best class of occupier.

When advancing money on mortgage for development purposes, as well as in fitting and maintaining buildings, there are useful opportunities for enforcing a standard of efficiency.

It appears to me that the earlier speakers have dealt very fully with the methods of bringing home the main lesson to users of fuel for manufacturing purposes, and the figures of actual consumption mentioned by Mr. Elsworthy show how large a proportion of coal is still consumed for domestic purposes. We are all grateful to Mr. Elsworthy for his Paper.

Paper 492.

# THE LAW OF EVIDENCE.

By H. F. Bidder, Barrister-at-Law (Associate).

*To be read at the Ordinary General Meeting of The Surveyors' Institution on Monday, 6th April,* 1925.

I have set myself in this Paper an exceedingly difficult task, which I approach with all humility, and with a hope that my good intentions may be accepted as part excuse for a performance that I know must be inadequate; for I propose to place before you nothing less than a short guide to the Law of Evidence.

Now the text-books on this subject are large and weighty; the decisions run into thousands of recorded cases. Who am I that I should aspire to talk upon the subject at all; much less present any account of so vast a store of information?

The answer is that, in trying myself to understand the puzzling limitations imposed by the law of evidence, I re-read, and again re-read many times, Sir James FitzJames Stephen's Digest. It is a short work, first published in 1876; and it became clear to me that here was the clue for which I had been seeking. It was written by Stephen after he had drawn the Indian Evidence Act; and the original draft was intended to provide a statutory code for England. This scheme was not carried through, but the book remains a monument of clear thinking and (in its prefaces and notes particularly) of that power of diving down to the underlying meaning and co-ordinating principles of a subject, that is so rare and so illuminating.

I do not propose in this Paper to produce anything like a legal essay. I shall cite no cases; I shall eschew detail. But I shall try to present a coherent account of the principles of the law of evidence, and to show that, far from being the set of disconnected rules it sometimes seems, it is in truth what all law must be if it is worth anything—codified common-sense. Any merit in the result is Stephen's; the shortcomings are mine.

### Divergence between Law of Evidence and Practice of Everyday Life.

When anyone comes up against the law of evidence for the first time, what usually strikes him is the great difference between its rules and the principles upon which men act in ordinary life. If I find an entry in my father's diary that X. came to the house on a certain day, I have no doubt that he did; yet, my father not being available to corroborate the entry, it would not normally be allowed any weight at all in a legal dispute on the question of X.'s movements.

If I take on a servant, the first thing I do is to inquire as to his previous character, rightly judging that the way he behaved in the past is a very useful guide as to what may be expected of him in my service. Yet, when there is a dispute at law as to how a man behaved on a particular occasion, his previous behaviour under similar circumstances may not be considered at all. And there are many other differences.

Are these variations from the common practice of sensible men mere arbitrary rules of pedantic lawyers? or are they, after all, right and proper safeguards, provided in the name of common-sense itself in order to prevent as far as may be a miscarriage of justice?

Before we can attack that problem, we must get clear about what we mean by the law of evidence.

### Nature of Law of Evidence.

All races emerging from savagery have set up a code of rules or law by which the relation of individuals to each

other and to the tribe or nation as a whole shall be governed; and the essence of these rules has been that by some means or other, and with greater or less efficiency, the organised tribe—the State—will ensure, by force if necessary, that the rules are observed.

When an infringement of these rules occurs, an appeal is made to the State to enforce them, either as between individuals, or as between an individual and the State itself. If the facts are admitted on all sides, the State has no difficulty (or should have none) in selecting the rule of law appropriate to the occasion. But this is not always the case: the power of the State is invoked when the facts are hotly disputed; and then, before the State can act, it must satisfy itself as to what the events actually were which, it is said, constituted a breach of the law. The rules that govern the process of ascertaining the facts are called the Law of Evidence.

### Restrictions as to Inferences to be drawn from Facts.

Now the facts upon which the decision depends are in dispute, and therefore, for the purposes of the inquiry, unknown. There are two ways by which knowledge of what happened can be gained. The one is by bringing forward persons with direct knowledge (by their own perceptions) of the disputed facts, which knowledge they can impart; the other is by establishing in a similar way other facts, and then, from the general experience of how things happen, constructing a version of the unknown facts consistent with the events or conditions which have been spoken to or "proved" —(I leave out for the moment, for simplicity's sake, the question of documents). The rules of evidence are chiefly concerned with the second method. It is clear that, in employing this method of deduction, as opposed to direct proof, everything depends upon the extent to which you are allowed to assume that the known facts render probable or improbable a particular version of the disputed facts; in other words, in what cases you may, and in what cases

you may not, make inferences as to the facts in dispute from other facts which can be established. I need hardly point out that evidence deals with facts only, and is not in the slightest degree concerned with the law that is to be subsequently applied to the selected version.

Now since upon the result depends the invoking of the power of the State to enforce the law upon individuals, special care must be taken that false inferences are not drawn—that the State does not act upon a version of the unknown facts which is not in accord with reality. Therefore probabilities that a reasonable man would act upon in the conduct of his own affairs in ordinary life are ruled out, and the circumstances from which inferences may be drawn as to the disputed matters are greatly restricted.

It is true that this may work both ways: it may prevent the true version of the facts coming to light, as well as guard against the enforcement of a false one. But, after all, the burden of proof should be on the side that wishes to disturb the *status quo;* and there is something to be said in favour of a course that prevents the perversion of justice, even at the expense of sometimes denying it.

As a general illustration of the working of the law of evidence, let us consider for a moment the remark of the judge in a well-known trial. It was an action for breach of promise, and one of the witnesses for the plaintiff was in the box. In the course of his examination-in-chief he quoted a remark made by a soldier—an irrelevant remark, really, from any point of view; but the judge took occasion to propound a rule of law. "You must "not tell us what the soldier or any other man said," he interposed, "it's not evidence" (see the Report of *Bardell* v. *Pickwick* in the *Pickwick Papers*). It seems to me that a proper understanding of the learned judge's *dictum* gives us a clue to our whole subject. Let us paraphrase it in this way: "Although perhaps the soldier (who is not before the "court) said that some particular fact was true, no inference "may be drawn with regard to the question before us on the "assumption that the fact *was* true. And since no inference

" may be drawn from the remark, it may not be repeated to " us : it is not evidence."

Those familiar with the report of this case will remember that, shortly before, a lady had been allowed to repeat a conversation she had heard between the plaintiff and the defendant—(I refer to Mrs. Cluppins' evidence as to what took place between Mrs. Bardell and Mr. Pickwick in the front room of the plaintiff's house, heard by Mrs. Cluppins from the one-pair back). No objection was taken to her doing this, because she was not repeating a statement of fact by someone else; the words used by the parties were themselves an indication of what the parties were doing and feeling at the moment. Put in another way, inferences could be drawn as to the intentions of Mr. Pickwick from the fact that he made certain remarks to Mrs. Bardell on that occasion. And that fact could therefore be brought before the court; the remarks could be repeated: they were " evidence."

### Cases where Rules of Law and of every-day Life diverge.

The most useful way to present the subject in the first place is that adopted by Stephen in his preface, namely, to consider the classes of facts from which deductions would be drawn in ordinary life, but from which deductions may not be drawn for the purpose of establishing other facts in a legal proceeding. Stephen gives four such classes:—

(1) *Hearsay*, as illustrated in the case just quoted. If a person not called as a witness has made a statement, verbal or in writing, of some fact, no deduction may be made on the assumption that the fact stated is true. The fact that the statement was made, if *that* has any bearing upon the case, may be proved like any other relevant fact; but the *contents* of the statement (the thing stated) must not weigh in deciding the probability of any other fact being true.

This, of course, differs widely from the practice of every-day life. If you are told on reliable authority that X., whom you know, has made some statement, you will certainly pay

attention to it—not the same amount of attention that you would if X. made the statement in conversation with yourself, but an amount varying with the accuracy of your source of information. But the court has no knowledge of X., and (most important of all) the party against whose interest the statement weighs has no opportunity of testing it (and X.) by cross-examination. The necessary degree of probability of the truth of the statement is not reached.

(2) *Opinion.*—The decision of the tribunal as to the facts in dispute must not at any point be influenced by the opinion of any person. Opinions may not therefore be presented to it; they are "not evidence." This is because the whole object of the proceedings is to enable the tribunal to make deductions from facts brought before it. The opinion of a witness is his deduction from facts, and if it were allowed any force he would be usurping the functions of the tribunal.

An apparent exception to this rule is that the opinions of experts on special subjects, such as science or art, may be regarded, and their conclusions from facts accepted as an element leading to the decision of the tribunal. This is because the members of the tribunal have not the special knowledge or experience to enable them to judge of the probable consequences of known facts of this special character, and the expert supplies the missing machinery. But he is only the machinery; the deduction is still the deduction of the tribunal.

(3) *Character.*—It has already been mentioned that, where a person's actions are in question, his character is irrelevant; that is to say, no deduction may be drawn from the history of his personality as to the likelihood of his pursuing or not pursuing a certain course on a particular occasion. This again is widely different from the practice of ordinary life—psychologists would say, I suppose, that the most important aid to reconstructing a man's action is barred. But the idea is that the probability of consistency of character (the probability that a man will act in the same way at different times under similar circumstances) is not

sufficiently strong to form an element in the tribunal's decision, which must be founded on facts connected with the disputed action.

(4) Facts which are not actually connected with the facts in issue, though they bear a general resemblance to them, may not be taken into consideration. This is really a more general case of the exception as to character. It is best illustrated by an example given by Stephen :—

> The question was whether a brewer sold good beer to A. The fact that he sold good beer to B, C, and D was irrelevant. But had the beer sold to B, C, and D come from the same brewing as the beer sold to A, that would have been a fact connected with the fact at issue and therefore relevant.

This is a simple principle, but one not very easy to get hold of. Stephen expounds it in this way :—

> "You are not to draw inferences from one transac-
> "tion to another that is not specifically connected with
> "it merely because the two resemble each other. They
> "must be linked together by the chain of cause and
> "effect in some assignable way before you draw your
> "inference."

### Rule against Hearsay.

Having tried to sketch the reasonable framework of the law of evidence, let us consider some sections of it in greater detail.

First let us take the rule against hearsay (which includes written statements).

It will be remembered that the rule is this : When a statement of a fact has been made, either orally or in writing, by a person not called as a witness, no inference may be drawn on the assumption that the fact is true.

### Exceptions to the Rule—Admissions.

This being the rule we must consider the exceptions.

One class of exceptions consists of Admissions. If the

statement is one made by or on behalf of one of the parties to the proceeding *and is against his interest*, deductions may be drawn on the assumption of the truth of the fact stated. But this does not apply to a statement of fact in favour of the party, which must be disregarded.

The reason for this is obvious. It is regarded as unlikely that anyone would gratuitously make a statement to his own detriment, while everyone is impelled to make the most of his own case, and a good many people go a long way beyond that.

### Declarations of Deceased Persons.

Another class of exceptions to the rule against hearsay deals with the statements of persons who have since died—called Declarations. A declaration by a person actually dying (and conscious of the fact) as to the cause of his death, is admitted as evidence on the point. Here, of course, the man on the verge of eternity is thought unlikely to burden his soul with a lie as to what sent him there. Further, a statement by a person, since dead, made in the ordinary course of business or of professional duty is accepted as evidence—that is to say, deductions may be drawn from it; and this is also true of a statement made by a person, since deceased, against his own interest. In the first case the statement must have been made near the time when the fact stated occurred, and must, of course, have been stated by the declarant of his own knowledge. In the second case "interest" means interest in property or money.

### Statements of Fact made in connection with Disputed Event.

Another class of exceptions deals with statements so connected with the fact in issue as to be part of the same transaction—for instance, a statement by a man run over in the street, as to the causes of the accident, made just after he was picked up. Inferences might be drawn from his version of events.

### Statement itself regarded as Fact.

Again, another class consists really not so much of exceptions as of statements viewed under a different aspect, or used for a different purpose. Words spoken or written may themselves be part of the fact in issue; for instance, they may convey a threat, indicate a motive, constitute a contract, or amount to slander. Here no question arises of the truth of the matter asserted; the statement itself is the important thing, and, as has been said, may be proved to have been made in the same way as any other fact may be proved.

### Records.

With regard to records contained in documents, it is recognised that facts are committed to writing in the ordinary course of life, business, or administration; and, in certain cases, the probability of such written statements being true is regarded as sufficient to warrant inferences being drawn from them.

Examples of this class are—entries in bankers' books official documents setting forth acts of state, judgments, orders of court, &c.; official records, registers kept as required by law; and recognised documents, such as maps and history books dealing with public matters. These may often be called impersonal documents; the person who prepared the written statement may be wholly unknown to the court.

### Witness "Refreshing Memory."

The evidence of a witness must be confined to imparting what he himself remembers; except that, in the course of giving evidence as to a transaction, he may refer to a written statement or notes made by himself at or near the time of the transaction: or by someone else, if read by the witness at or near the time.

By a pleasant fiction this is called "refreshing memory,"

but we have only to consider our own experience to see that, very often, there is no question of memory about it at all; the written note itself is the statement that is really being admitted. For instance, I go and take a series of complicated measurements and jot them down. When I come to make a statement to the court that those are the measurements, I could not pretend that the figures themselves are in my memory, be it refreshed never so much. What is in my memory is the fact that I took the measurements and noted them down at the time. The rest is the testimony of my written note, and that alone.

This is not strictly an exception to the rule against hearsay, at any rate where the writer of the statement is being called as a witness; but it is, in many instances, an example of an inference being drawn from a statement in a document on the assumption that it is true.

### Letters.

We now come to a very familiar class of written documents, namely, letters. Correspondence forms an important part of so many legal proceedings that it is worth inquiring a little closely into the principles upon which these written statements are admitted.

For one thing they may, like spoken words, form part of the very matter in issue; they may be the channel by which the disputed transaction was conducted, they may contain a contract, convey a threat or slander, indicate a motive or a state of mind. In addition to this, if they are letters of either of the parties or their agents, they come under the rule that any statement by a party against his own interests may be admitted—deductions may be drawn from it on the assumption that it is true. It will be found that in most cases the admission of correspondence as constructive evidence can be brought under one of these heads. It has a further and very important function (though this has nothing to do with the rules against hearsay), namely, that the letters of a witness can be used to check his evidence in cross-examination—a subject to be dealt with later.

### Agreements.

A large and most important class of documents used as evidence of the thing stated consists of written agreements. Here we should make a distinction at the outset. Although the document is referred to as an agreement, a little thought shows one that this is not strictly correct. The true agreement was the meeting of two minds in a common understanding that both must act upon. The written document is merely the record of this. But the law of evidence lays down that, if the parties *do* write down the terms upon which they have agreed, that document not only may, but must, be used as the evidence of what those terms were—so much so that no other evidence of the terms will (as a general rule) be admitted.

The agreement may be a formal agreement, or it may be contained in a number of documents such as letters; but, once in writing, its effect is fixed by the written form.

This is the broad rule. Stephen puts it in these words :—

> "When any contract or grant or any other dis-
> "position of property has been reduced to the form of
> "a document or series of documents, no evidence may
> "be given of the terms of such contract, grant, or other
> "disposition of property except the document itself, or
> "secondary evidence of its contents in cases in which
> "secondary evidence is admissible."

This may or may not be an exception to the rule against hearsay according as the parties to the agreement are not or are called as witnesses.

### Exceptions to Rule as to Agreements in Writing.

We must now briefly indicate some of the principal exceptions to the rule that no variation from the written terms of an agreement may be proved :—

(1) A separate verbal agreement supplementary to and not inconsistent with the document may be proved and enforced, unless it is clear that the document

was intended to be a complete and final statement of the whole transaction.

Thus a lease is granted by A to B. Before B will sign, he asks for a promise from A that he will destroy the rabbits, which A gives. B may prove this verbal agreement.

In the same way, a verbal condition precedent to the written agreement coming into force might be proved; and also a subsequent verbal agreement to modify or rescind the written contract, provided it is not invalid for other reasons.

(2) Facts which would themselves invalidate the document may be proved. Such would be fraud, force, mistake, failure of consideration, and various other matters. These seem to me properly to fall rather within the Law of Contract than the Law of Evidence.

(3) It may be proved that additional terms are annexed by custom, in contracts of the character of the written agreement, unless such terms would be inconsistent with it.

(4) If the document merely amounts to a memorandum that was not intended to have legal effect as a contract, the complete transaction may be proved. Thus, a mere receipt for the money paid for a horse does not prevent the proving of a warranty.

The interpretation of documents is a subject by itself, and I do not propose to touch upon it.

### Evidence must be best possible.

So far, we have been considering the classes of facts from which deductions may or may not be drawn as to the matter in dispute. The law of evidence also lays down how those facts shall be brought to the knowledge of the tribunal.

The rule with regard to oral evidence is simple. It is that knowledge of the facts must be imparted by someone

who himself saw, heard or otherwise perceived them; in other words, the oral testimony to any fact must be direct.

The contents of a document must as a general rule be proved by the production of the document itself. In certain cases, however, the contents may be proved by secondary evidence, such as a copy, or even an oral account, of the document. This secondary evidence may be given when the document has been destroyed or lost, or cannot be obtained from the possessor. And there are various provisions for proving the contents of public documents by certified copies.

### Burden of Proof.

Let us now turn to the question, On whom does the burden of proof lie?

The general rule is clear. At any point of a proceeding, if it were abruptly stopped and the law applied to the facts as they then were within the knowledge of the tribunal, a certain decision would result. It is for the party who is asking for a different decision to prove additional facts.

It follows from this that the burden of proof may be shifted from one side to the other as the proceeding goes on.

The rule, applied in detail, is the same—that the burden of proof of any particular fact lies on the person who wishes the court to believe in its existence.

In a number of cases the tribunal itself is compelled to make certain definite inferences from the facts proved, on lines laid down by the law. These are the legal presumptions.

A simple example is the well-known presumption that the owner of a hedge is also owner of the adjacent ditch. In a contest between A and B as to the ownership of the two, proof by A that he owns the hedge at once throws the burden of proof as to the ownership of the ditch upon B. If the proceeding stop at that point, A will get the ditch.

Where the law does not go so far as to compel the tribunal to make a particular deduction from the facts

proved without any further evidence at all, it lays down, in some cases, varying degrees of proof that will suffice to justify a deduction being made, and so shift the burden of proof. Thus, in an action by a shipowner against an underwriter upon a policy of insurance of his ship, the shipowner proves the loss of his ship. If the proceedings stopped there the decision would be against the underwriter. The underwriter alleges that at the time of making the policy the shipowner knew, and concealed from him, material facts. Slight evidence of this will throw upon the shipowner the burden of disproving his knowledge.

### Obligation to give Evidence.

So far we have been dealing with the rules as to the character of the testimony admitted or required in legal proceedings. It must not be forgotten that the whole subject is founded upon the corresponding duty of the witness to give evidence. Every person is under an obligation to testify to what he knows, when he is required to do so in the course of legal proceedings, and where what he knows is relevant according to the law of evidence.

There are certain exceptions to this obligation. Thus no one can be compelled to answer a question if the answer would expose him to a criminal charge; and a legal adviser may not disclose the communication made to him, as such, by his client—though, of course, the legal adviser must not be party to any criminal purpose of the client: if he becomes aware of any such, the exception does not apply.

Attempts have frequently been made to treat communications made to medical men and clergymen in the exercise of their professions as similarly privileged, but this privilege is not recognised by the law.

### Examination of Witnesses.

We now come to the last branch of our subject—the method by which testimony is elicited from witnesses, namely, examination and cross-examination.

First, as to the examination-in-chief. This must relate to facts in issue or relevant to the issue according to the law of evidence: and the answers of the witness must be obtained without the use of leading questions, that is, questions whose form suggest the answer required.

The cross-examination is of course the opportunity of the other side to test the evidence given by the witness, and to diminish as far as possible its effect. For this purpose the cross-examiner is allowed to ask leading questions; and he may further ask questions to test the witness's accuracy or veracity generally, and also to shake his credit by injuring his character. Apart from these lines of inquiry, the cross-examination, like the examination-in-chief, is limited to facts relevant to the issue.

The relation of a party to a witness he has called, where he does not like the testimony the witness has given, is governed by the principle that he may not represent him both as worthy and unworthy of belief. Thus under no circumstances may he impeach the general credibility of the witness he himself has presented to the court.

On the other hand, it would be quite unreasonable to hold that a party was bound by all the statements of a witness he has produced. He may, therefore, show by other evidence that the facts are otherwise than the witness stated.

There remains the case where a witness called by a party develops an adverse attitude to the party calling him—shows, that is, a hostile mind. When this happens, the party is allowed to impeach his credit to the extent of showing that at another time the witness made a statement at variance with his present statement. A cross-examiner has this right in any case.

If the previous statement was in writing, the witness may be asked questions about it without the document being shown to him or being tendered as evidence. If, however, it is intended to contradict him by using the document as evidence, his attention must be called to the parts of the document that are going to be used for the purpose of contradicting him.

As a general rule, the answer of a witness to a question

put in cross-examination merely to shake his credit by injuring his character, is final. The cross-examiner may not contradict it by other evidence.

Re-examination may only be directed to the explanation of matters referred to in cross-examination.

### Object of this Paper.

We have now reached the close of our survey, and I would remind you of the objects I proposed at the outset. In dealing with a vast subject made up of an innumerable mass of detailed instances, I have endeavoured to trace a few guiding fundamental principles into which, as in a framework, the details of any particular part of the subject can be fitted and seen in their relation to the rest. I have done this, not for the benefit of those who have already made a study of the subject, but in order to help those untrained in the law to gain an understanding of the meaning and purpose of a difficult and intricate branch of it.

This Paper is not intended to supply in any way an answer to the question of what the law is on any particular point. I felt that I could only keep the main principles clear by altogether avoiding any reference to authorities or any attempt at precise or technical definition. For an answer on any particular problem arising in connection with the Law of Evidence, reference must be made to the authorities which, in the form of text-books and decided cases, are available in no little profusion. But if I have in any way assisted to dispel the sense of discomfort in the presence of an arbitrary and unreasonable code, which does sometimes come over those brought in contact with the subject, I have not altogether failed.

Even if I have done nothing more than draw the attention of a few more people to Sir James Stephen's famous book, that in itself is something.

Finally, it must be remembered that the law is the result of a great quantity of decisions given over a long period of time, not in accordance with a written code, but in accord-

ance with the principles of law as they were conceived by the judges giving the decisions. These decisions are not absolutely in accord with any abstract theory, but they do, on the whole, form a remarkably consistent and intelligible body of law.

I cannot do better than close with a quotation from Stephen's preface :—

> " The law, as distinguished from the theory of judicial " evidence, is the work of many generations of judges, " who have by degrees worked it out with a more or " less indistinct and partial perception of the theory on " which it ought to be founded.
>
> " Patient study of the subject seemed to me to show " that, making allowance for some defects and some " excesses, the cases thus decided collectively occupied " very nearly the same area as would be occupied by " the simple principle just stated—that facts in issue " and facts relevant to that issue may be proved, and " no others."

VOL. LVII. PART VI.

# TRANSACTIONS

OF THE

# SURVEYORS' INSTITUTION

## SESSION 1924-1925.

### AT THE ORDINARY GENERAL MEETING

*Held on Monday, 6th April*, 1925,

A DISCUSSION took place on a Paper entitled

## THE LAW OF EVIDENCE,

By H. F. Bidder, Barrister-at-Law (Associate).

Sir EDWIN SAVILL, O.B.E. (President), in the Chair.

Colonel BIDDER added to his Paper by referring to the practice followed in the Committee Rooms of the Houses of Parliament. It was obvious, he said, to anybody attending there and following the proceedings, that the strict rules for the delivery of evidence and its extraction from witnesses were not adhered to. There was, however, a great difference between the object and meaning of the proceedings in those Committee Rooms and the proceedings in the Law Courts. As he had tried to point out in the Paper, in every proceeding at law it was a contest as to what had happened, and the evidence that was adduced was evidence directed to

establish one or other of different versions of past events, whereas the whole of the proceedings in the Committee Rooms of the Houses of Parliament were directed to forming an opinion as to what would probably happen if something were done, and to forming that opinion, moreover, before a tribunal not themselves steeped in legal tradition, and to forming it, as it must be formed, from the opinions and conjectures of a number of gentlemen skilled in the various branches which came up for consideration, who were there to state their opinions. He suggested that it was natural and reasonable that, while in general, and in their essence, it was most important that the principles of the law of evidence should be observed, the strict rules of the law might wisely be, and were admittedly, treated with a certain amount of latitude when dealing with problems as to what would or would not happen in the event of certain legislation being passed.

Mr. J. D. Wallis (Vice-President) said he rose with great pleasure to propose a vote of thanks to Colonel Bidder for the excellent Paper which he had given that evening. In the opening of his Paper the author had referred to the difficulty of his subject, but he ventured to think that he had overcome all the difficulties, and had presented a valuable and instructive Paper of great use to them as surveyors. As surveyors they were untrained in the law, and yet needed to know the law. He was not quite sure if he ought to say that, because, as surveyors, they never could know the law; but they needed to be told all that was possible about the law of evidence in order that they might endeavour to comply with it when they were dealing with it in the arbitration room or elsewhere. It was a matter with which they were all intimately concerned, because they were frequently called upon to give evidence in the Courts and in other places.

Colonel Bidder had made a few remarks about the proceedings in the Committee Rooms of the Houses of Parliament, and had spoken of a certain amount of latitude which was allowed there. He did not know if it would be quite safe to say that that applied to arbitration cases. He did

not think it would. He should say that the procedure in arbitration cases approximated to the procedure in the Courts. What was important was that they should bear in mind that the law of evidence and the rules of evidence were the same whether in a court of law or in the less formal atmosphere of an arbitration room. There might be cases where counsel were by consent allowed to ask leading questions, but it had to be remembered that in all cases of arbitrations and other enquiries the rules of evidence and the law of evidence were the same as in the High Court.

The subject was a very important one, and Colonel Bidder had made it appear simple, because he had made himself a master of his subject. He would like to congratulate him upon the skill he had shown in putting before the members the guiding principles of his subject in so clear and concise a manner. It had been a happy thought on Colonel Bidder's part to refrain from citing cases; it had been a still happier thought on his part to have given the very apt allusion to the famous case of *Bardell* v. *Pickwick*. No one who had heard his Paper that night, and no one who might read it hereafter, would ever forget that hearsay was not evidence. The illustration given had firmly planted that fact in their minds. Personally he was very glad that was so, because the question of hearsay evidence touched surveyors most; that was the particular law of evidence which was perhaps more transgressed by surveyors than any other, in connection, for example, with giving evidence of instances of transactions and sales about which they had heard, but of which they had no precise or accurate information.

He had been asked since he had come into the hall to say something about the giving of instances. He did not know whether it would be wise to say anything at all about it, because he saw present one or two eminent counsel who were much more qualified to speak on the subject than he himself was; but surveyors were in the habit, if they were giving evidence in a case, in order to qualify themselves, of acquainting themselves with transactions which had taken place, and quite rightly so. On that they were entitled to

come into the witness-box and say that, having made themselves acquainted with the values in the district, their opinion was that the value of the particular land the subject of the arbitration was so and so. They were not entitled, however, to give any particulars of sales unless they had conducted them personally, and therefore knew all about them. He ventured to think that that rule was often forgotten by surveyors, who were often too apt to mention instances of cases of which they had happened to have learned incidentally, and about which they were not fully familiar with all the facts and circumstances.

Referring to the Paper generally, there was nothing he could add to it; indeed it would be presumptuous on his part to attempt to do anything of the kind. He was no lawyer, and he professed to know nothing whatever about the law. It would be more presumptuous still to attempt to criticise the Paper. He would, therefore, content himself with paying a tribute to Colonel Bidder for the trouble he had taken in compiling such a clear digest of the law of evidence.

He supposed he had been asked to speak that night because it was known that he had given a good deal of evidence, and also had listened to a good deal of evidence. He could carry his mind back to the time when he had been cross-examined by Colonel Bidder's father—and that was a good many years ago. Since then he had been very frequently in the witness-box, and latterly he had listened to a good deal of evidence. He did not know that that was any reason why he should be considered competent to speak on the question of the law of evidence, because if they considered the matter in the light of Colonel Bidder's Paper, they saw at once that most of the evidence to which he (Mr. Wallis) was referring was not evidence at all, because it was merely the expression of expert opinion. Colonel Bidder had referred to that in his Paper. After pointing out that opinions were not evidence, he had gone on to say that "the opinions of experts on special subjects, such as "science and art, may be regarded, and their conclusions "from facts accepted, as an element leading to the decision

" of the tribunal. This is because the members of the " tribunal have not that special knowledge or experience " which enables them to judge." On reading that he had thought that Colonel Bidder would forgive him if he digressed a little in order to say a word or two about the question of expert opinion. The reference to the specialist was not quite the same thing as the case where the expert surveyor gave evidence of opinion before an arbitrator who was also an expert. If he (Mr. Wallis) had to assess the value of a great masterpiece by a famous painter, he must rely entirely upon the expert evidence, because he knew nothing whatever about the value of the picture; but a surveyor appointed as an arbitrator in an arbitration case was supposed to have experience of the questions which came before him. What, then, was the position as between an expert arbitrator and an expert witness? He would like to refer, if he might, to the Small Holdings and Allotments Act of 1908. Under that Act a single arbitrator, who was to be deemed to be an arbitrator within the meaning of the Lands Clauses Acts, was to act, so far as was practicable, in assessing compensation on his own knowledge and experience. When that Act was passed it was intended that the arbitrator should be appointed by the Board of Agriculture, and that he should not hear expert evidence without their consent. That had been changed, however, and now those cases came before the official arbitrator. So that there was this position—that the official arbitrator who might hear expert evidence was nevertheless, in assessing compensation, to act on his own knowledge and experience. Speaking generally, without reference to that particular Act or any Act, he should say that it was the duty of the arbitrator to decide upon the evidence, to weigh the evidence, and to make up his mind on the evidence which was given before him, using his own knowledge and judgment and experience to enable him to decide how much weight he should attach to any particular witness. It was the duty, he thought, of the expert witness to do all he could to assist the arbitrator to come to a just conclusion. The best witness was the

witness who had most fully prepared himself for the evidence which he had to give, and he thought the art of good evidence, like success in everything else, was really the art of taking pains. The witness who based his evidence upon knowledge and fact, who, in the words of Colonel Bidder, "draws conclusions from facts," and so backed his opinions with sound and well-considered reasons, would carry the most weight.

A good witness would never give evidence in which he himself did not fully believe, and he would refrain from any exhibition of partisanship. He did not mean by that, of course, that the witness was not to make the best case he could. He was fully entitled, and it was his duty, to put before the arbitrator all the facts which told in favour of his figures, but he would have most effect if he did that by giving fair and reasonable-minded evidence.

Before sitting down he would like to say a word in favour of the expert surveyor in compensation cases. There had been times when comment, not entirely complimentary, had been made about the expert valuer, about the difference in the valuations, and about exaggerated evidence. No doubt there were such cases, but his experience was that there were not many of them. He owed a debt of gratitude to expert witnesses because, for the last four or five years, as official arbitrator, he had had to rely upon their assistance, and he would like to express his indebtedness to them. There were bound to be differences between experts when matters of great difficulty, or technical questions of great complexity, depended upon matters of opinion. He thought very often differences were caused because a witness took an optimistic or a pessimistic view of the future prosperity or growth of a particular part of the town or county. There was no question more difficult to answer than the question as to what was the future value of land in this country, and perhaps a witness might be pardoned if he took a somewhat rosy view if he was on one side, or a slighty depressed view if he happened to be on the other. However that might be, he would like to say again that he felt he owed a great deal to the expert witness, without whose assistance it would

have been impossible for him to carry out his duties as an official arbitrator.

He had departed a good deal from the subject of the Paper, and he must apologise for that to Colonel Bidder, but he had done so because what he had said might perhaps have some remote bearing on the question, and because he was quite incompetent to deal with any question of law.

He had very great pleasure in proposing a hearty vote of thanks to Colonel Bidder for his able and interesting Paper.

Mr. W. J. Jeeves, C.B.E., K.C. (Associate), said he rose with great pleasure to second the vote of thanks to his learned friend for his excellent Paper. He did so with great diffidence, because he saw that his friend Sir Duncan Kerley was also present. Sir Duncan was his leader at the Bar, and no doubt would have discharged the duty much better than himself and with more authority. He happened, however, to be an Associate Member of The Institution, and that was the reason, he took it, why they had done him the honour of asking him to second the vote of thanks.

From time to time he frequently met Colonel Bidder in the course of their work, and at times did not agree with him; but, whether one agreed with him or not, one always found him interesting, and that night one was able to congratulate him on having really succeeded in his purpose, which, in Colonel Bidder's own words, was to help the members to gain an understanding of the meaning and purpose of the principles underlying the law of evidence. After all, if they did understand the principles underlying the law, or any other matter, it was the one sound line on which they could hope to get a knowledge of the matter. Looked at from that point of view, he thought Colonel Bidder had been extremely successful, because everyone knew, and none better than barristers, how difficult a branch of the law was the law of evidence; how many ramifications it had, and how much could be made apparently to differ, not because the law itself was differing, but because of the immense difference in the facts to which

that law had to be applied. Personally he thought with regard to that branch of the law, or to any branch of the law, it could really be said that it was not merely the codification of common-sense, but that it was the embodiment of common-sense, if they bore in mind one other principle, namely, the principle which underlay the English character of being fair to the other man. If one kept those two points in view—common-sense and fairness to the other man—and, with them, applied one's mind to what were the facts in issue, then one got very near on any occasion without looking at any text-book to solving the point at issue or the question to be determined as to whether a particular matter was admissible or not admissible. There were, of course, numerous border line cases in regard to which numerous text-books might have to be consulted and still more numerous law reports; but, after all, the real understanding of the facts at issue and the bringing of common-sense and fairness to bear upon the matter would largely solve the problem. That was proved if one looked at the instances which Colonel Bidder had given that night. They had only to take the case of the father and the diary to see the point. It was not altogether the fact that the father was not there, but it was that the father was not there to be confronted with the man against whom the entry was sought to be used. Therefore the law had said, and said quite fairly, that as the man against whom it was to be used could not test it, and could not test the *bona fides* of the man who made the entry, it should not be used at all. He thought the members would say that that was a decision of common-sense arising out of common fairness.

He was not at all sure that Colonel Bidder's illustration of the servant was quite good for his purpose. He agreed that when one came to hire a servant one should enquire what that servant had done in the past, and on that one would probably either engage or not engage the applicant; but he did not think when it came to one finding out that the servant had not verified one's expectations and instead of being honest was dishonest, that one would say that one was going to judge of that case by one's enquiries rather

than by one's experience. So it was with the physiological point which Colonel Bidder had put of the law of probabilities. What on earth did it matter if a man had been sensible for seventy-five years of his life if in the seventy-sixth he cut his friend's throat? After all, the material fact was what the man had done, and that was what the law had to do with—not with the law of probabilities.

When one came to the question of parliamentary procedure, there one came into the realm of circumstances on which one had to judge on probabilities, because, whether it were Private Bill legislation or Public Bill legislation, the tribunal had to determine, as a result of the experience of the past, whether some new circumstance or new set of conditions should be brought into being. That obviously differentiated the procedure to that extent from the procedure of the Law Courts. But there again, so far as his own experience went, they did assimilate, even in the Committee Rooms, very largely and certainly quite as much as was good for the purpose they had in view, the law of evidence in the Courts. Sometimes one thought they went a little too far, having regard to the different issue which was before them; but there again experience had shown to what extent it was wise that they should take a particular line, and they had in their way, as the Courts had in their way, actually worked out a code which experience had shown by its results worked on the whole fairly between man and man. That, after all, was what must be done in any case where, as Colonel Bidder had pointed out, the State was interfering either with the liberty of an individual in the interest of the State, or interfering as between the alleged rights of one member of the State and another member of the State.

When one came on to the matter of expert evidence that raised rather another issue, certainly so far as surveyors were concerned, because after all, whatever might be said about it, value at any moment was, and must be, a matter of opinion—opinion, it was true, possibly based on certain facts proved up to date, but as to how far those facts should be taken into account as indicating present value or a

prospective value, or a more prospective value or a less prospective value—all that kind of thing could be only a matter of opinion. Therefore it was that it always seemed to him that a surveyor was in rather a strong position, because if a surveyor said, as Mr. Wallis had put it, "I "have looked into all these matters; I have made a study "of them; I have made myself familiar with the values; "and I say that, in my opinion, the value of this property "is so and so," he was a very difficult man to cross-examine, because, after all, one was merely examining him as to an opinion which he was perfectly entitled to have, and which it was his business to have. A surveyor said that he had examined the facts generally. That was quite good, and the surveyor gave his general opinion, but if he said that he had heard here and there of values, he (Mr. Jeeves) quite agreed with Mr. Wallis that that was not evidence, and that he must not go into it. He could say, if he chose and if he were asked, that he was prepared to give instances, but that was the utmost he could do.

Personally he did not go the whole way with Mr. Wallis, because it did not, in all cases, follow that because a surveyor had actually been concerned in a particular case that that particular case was a relevant fact to be taken into consideration in relation to the case in hand. Therefore it would not follow in the latter case necessarily that it was evidence. It might be. Whether it was or whether it was not would bring up that interesting proposition which Colonel Bidder had put, namely, Was the particular transaction relevant or was it not? Was it in the nature, so to speak, of a drink from the same barrel of beer which was in issue, or was it in the relation of a drink from another barrel of beer or from a different brew? Whether it was the one or the other had always, in his own experience, been one of the most difficult things to determine, and one of the things about which there had been most wrangling. That was really summed up perhaps in the other point which Colonel Bidder had made of cause and effect. In all matters, whether in arbitration courts or anywhere else, there ought always to be a real relation between the facts which were in issue

and which were in dispute, and the facts that were admitted to be brought to bear on the question of how the facts in issue were to be determined; and one came back to the point which Colonel Bidder had so well conceived—that it helped one amazingly to understand the proposition if one realised the general principles underlying the law of evidence as worked out by the judges in the Courts of Law, and in matters as between man and man and between the subject and the State in this country.

He had very much pleasure in seconding the vote of thanks, and he was happy to think he could call Colonel Bidder his friend, not merely in the sense in which barristers called every one of their colleagues their learned friend. Colonel Bidder was a man whom one constantly met, and whether one was agreeing with him at the moment or disagreeing with him, one was always very glad to meet him, and not least of all had he been glad to meet him that evening and to have heard his Paper.

Mr. Christopher Chart (Member of Council) said he was extremely glad to have the opportunity of expressing his appreciation of Colonel Bidder's Paper, not only because of its merits, but because Colonel Bidder and himself had been life-long neighbours. He also had to congratulate him upon having found time, in the course of a busy professional life, to prepare a Paper of the sort he had just delivered. They met also in other matters, as Colonel Bidder devoted a great deal of his time to the municipal services of his (Mr. Chart's) native place. In that he was following in the footsteps of his father, who had also been an Associate Member of The Institution, and had been one of his (Mr. Chart's) sponsors when he had entered the doors of The Institution nearly thirty years ago.

Colonel Bidder had stated that his Paper had been inspired very largely by Stephen's book on the Law of Evidence. He entirely confirmed what was said about that text-book.

On page 227 of the *Transactions* the author illustrated the divergence between the law of evidence and the common-

sense principles upon which everyone acted in the course of his profession. They certainly did act on information which they were apt to speak of loosely as evidence, but which, in a strictly legal sense, was not evidence at all. That was particularly the case, in his own experience, where one was dealing with questions involving the boundaries of properties, and where one made use of old maps, old documents, and old records. The question of the admissibility of documentary evidence was one which he, personally, had found most puzzling. He knew that if he had to prepare the plan which was wanted for the purpose of an action, he was always called, or nearly always called, to prove the plan. He had been in some cases in which it had been agreed by both sides that if he had prepared a plan it would be admitted; but that had been the exception. As a rule one had to prove a plan before it became admissible as evidence. One very often worked on old plans made by a person who was dead. In some cases it was not even known who had prepared it, and he had wondered whether that came under the category of one statement which Colonel Bidder had quoted, namely, a statement made by a person in the ordinary course of his business or professional duty, and whether such maps could be accepted as evidence. He supposed the argument would be that it depended upon the circumstances in which the map was made, and on the question whether the map was relevant to the facts at issue. To take an example, he had frequently been asked to set out the boundaries between two owners' properties on a line where no boundary existed, or in fact had ever existed; and he had constantly made use of the tithe commutation map in order to decide, in his own mind, what was the correct boundary, and he had set it out on that. But looking through his copy of Stephen's evidence he had chanced on a note to one of the cases to the effect that "a line in the "tithe map purporting to denote the boundary of A's "property was irrelevant to the question between A and B "as to the position of his boundary." He could quite see that that would be so, because they did not necessarily purchase on the lines of the ancient boundary, although, he

took it, the case would be different where a person bought definitely a field numbered so-and-so on the tithe commutation map in the parish of So-and-so.

Whilst speaking upon the question of the evidence of maps, there was one case he would like to mention in which he had not been actually engaged as a witness, but he had been present in court, and had had to explain the map to the justices hearing the case. A public map had been produced and tendered in evidence. The local authority had served notice under the Private Streets Works Act to make up a street in the parish of Mitcham known as Gorringe Park Avenue. An objection had been lodged before the justices on the ground that the street was an ancient highway. The objectors had produced a map which was brought by a custodian of the British Museum. That map certainly did show the line of the road apparently open, and apparently a highway. It was a map which had been prepared prior to 1835, and the theory had been set up that as it had been shown on the map as an open highway, therefore it must be a highway repairable by the inhabitants at large.

However, the witnesses for the local authority had been able to point out that there were several inaccuracies in the map. There was a bridge which now stood on the boundaries of the parishes of Mitcham and Streatham known as Roe Bridge, and which was really to the north of Gorringe Park Avenue, and that was shown on the map as being on the south. There were several other inaccuracies of the same sort, and in the end the justices had ignored the evidence shown on that map, and had decided that the local authorities were right in serving their notice, and allowed them to make the road. He mentioned that because it was a map which he had then seen for the first time, but which had since become very familiar to him. It was Roque's Map of the Environs of London, a copy of which hung in the Arbitration Room of The Institution.

He cordially supported the vote of thanks to Colonel Bidder.

Sir Duncan Kerley, K.C. (Visitor), said he had listened with great pleasure to the very gallant attempt of his old friend and old pupil Colonel Bidder to survey in 40 minutes a great part of the rules of the law of evidence. Colonel Bidder had done all that could be done in the time at his disposal, and, if he might be allowed to say so, had done it very competently.

He would ask to be allowed to make a few general observations upon the law of evidence by way of supplement to Colonel Bidder's Paper, bearing in mind that he also, as Colonel Bidder, had a somewhat difficult task to speak upon what was supposed to be a technical subject before non-technical hearers. Personally he was not altogether without experience in that matter, because it had so happened that before the war he had had for two or three years to lecture to a class of non-technical hearers. That class had been composed of a mixed collection of sailors varying from sub-lieutenants to admirals. The subject was "The Law of "Evidence," and he was happy to say that it had been found possible to treat it in a highly non-technical manner, which made the topic interesting to his audience. The reason why he had had to address those gentlemen—it had been part of the war course, which some of those present might remember—had been because some of them had to sit as judges in different parts of the world on most important questions, and therefore they had to know something about the law of evidence. He was certain, from dealing with three or four successive classes of the mixed character which he had indicated, that his pupils had one and all regarded the law of evidence which they had sampled in text-books as a hideous jargon, if not really a bag of tricks invented by ill-meaning people to mystify students. As a matter of fact it was nothing of the sort. If one thought from popular conversation, as he imagined some people did, that the laws of evidence were some wonderful method of enabling one to get at the truth, this was a mistake. The laws of evidence pretended to be nothing of the sort; they had nothing to do with the weight of evidence. They had only

to do with the relevancy; that was to say, admissibility as evidence. One judged of its weight afterwards. How one judged of its weight was by getting, if one could, the judicial habit and instinct of distinguishing between a witness of truth and a witness of falsehood. If the witness was truthful, his means of knowledge must be considered. He had been struck that morning in reference to the other branch of the topic by a useful suggestion in a letter to the *Times* —intended for the House of Commons—namely, that when one did not agree with a man it was better not to say he was a liar, but to suggest that he was adulterating the truth. That had reminded him of an early effort of his own of which he was still very proud. A learned judge had once said to him in very early days, "Your case is that So-and-So is not "to be believed. I cannot say, after seeing him in the box, "that he is a liar." He had replied, "Do not, my Lord. "Rather say that his imagination is insufficiently restrained "by his memory." His lordship had remarked, "Say that "again. I will write it down in my note-book. I have "wanted that for years." That was the fact. Over and over again a witness, and even an expert witness, gave evidence which indicated that his imagination and his desire to serve his client was insufficiently restrained by his memory.

Personally, as an old hand at the game, as some of those present might know, he had a trick which he often used. When he thought he had got an honest man in the box who was giving incorrect evidence he would say to him, "Think "again. Are you sure?" and very often the witness would say he was sure—but not of what he had said previously.

He would like, if he might, to say a word or two about the main points of the rules of evidence. Hearsay was rejected, and quite properly so, and he did not agree with the comment that it should be acted upon in private life. It should not be acted upon in private life unless one had an opportunity of examining it. If the members would consider the point, a great many of the things upon which they accepted opinion were cases in which they were not really concerned. They knew the story of the man who was quite convinced that the end of the world was coming the next

year; he had proved it to himself by the most satisfactory of arguments, until the cross-examiner asked him, "Then "why did you buy the reversion of your lease?" and then the man considered that there were other grounds and other sources of evidence of a different character, and that his conclusion as to the end of the world was based upon evidence which he would not really act upon in a money matter. The reason why one could not have what A told B when B was called, was because one had not got A there to see whether he still believed it; he might have changed his mind, or much more likely, if he ever said it, he might have meant something different; or he might know nothing whatever about it. How on earth could one act upon a repetition of what A was supposed to have said when one did not even know what A's own view of his supposed statement would have been? So the law said, "Not because this is poor "evidence, but because it is not evidence at all we will not "have it."

He would recall to the members that they owed the whole of the present code of the rules of evidence to a fact which was peculiar to this country, just as the rules of evidence were peculiar to this country and to the jurisdictions which had followed it. It owed its origin to the division of the judicial task between the judge and the jury. The real inwardness of the whole thing was that in past years, going back over centuries, very often, although the jury was there to find the facts, well knowing that juries were sometimes carried away by emotion and by appeals which should not influence them, judges had found and sought opportunities for upsetting their verdicts, and amongst the reasons they had found for upsetting their verdicts had also been reasons for removing the jury from the danger of having wrong appeals made to them, or appeals made to them to which they should not listen. It was from those considerations, and the operations of a Court of Appeal revising over a series of centuries the verdicts of juries, that the whole catenary of the rules of evidence had been developed. It was on that ground—because they were the products of repeated criticism applied to the facts, and

not criticisms of theorists writing in their studies, but of people dealing with the practical result of the breach or the disregard of those rules in actual life—that the rules had come to be the noble monument of practical common-sense which they were.

There were two further points. One was by way of criticism of the rules of evidence as they stood. He held the view that the rule against leading questions was practically disregarded in action. It was said that leading questions were those which only leading counsel were allowed to ask. And leading counsel did ask them, and would continue to do so. He believed that the general rule against leading questions prolonged trials unnecessarily, misled and confused witnesses, and led to a great deal of idle discussion. A judge who knew his business, as most of them did, and who could keep order in his court, could always stop a counsel by saying "Mr. So-and-So, is this the evidence of the witness " or is it yours ? " and that would, as a rule, put an end to any attempt intentionally or not of Mr. So-and-So to put words into the witness's mouth. How often had they heard a witness thoroughly dissatisfied as he left the box saying "Well, you never asked me about it," when perhaps counsel had been working all round the country to try and direct his attention to the point upon which he wanted him to speak ?

In conclusion, he would like to say one word about that supremely interesting individual, the expert witness. They had heard an old gibe against the expert witness suggesting that he was not always a witness of truth. He had had a long experience of expert witnesses, chiefly in connection with patent and scientific cases, and he had the highest opinion of them. On the other hand he had not the highest opinion of their opinions. He distinguished very deliberately between what an expert told him was a fact and what was his opinion. For instance, if the expert witness described an experiment he took every word he said for gospel, but when an expert witness came to his deductions from the facts, then he always liked to know whether that witness had held that view before he had approached the matter in

question as the advocate of one side, knowing, as he did from his own experience as well as from what he had seen in the case of other people, that bias in a matter of opinion —unconscious bias—would go a very long way.

Why was expert opinion properly and necessarily admitted? Because in relation to the matters upon which it was properly admissible the result itself was and must be a matter of opinion. It was a judgment which was desired—a judgment that could not be arrived at by an untrained but only by a trained mind.

He would say nothing about what those present all knew so much better than he could suggest to them, namely, questions of valuation: but supposing it was a question of artistic merit. In that case evidence of opinion was not an exception to any rule, but being the best, because it was the only evidence available, it must be admitted.

Mr. Wallis had asked what was a tribunal to do if, being expert itself, it had experts before it? The answer was, "Listen to both of them, and then use your own expert "mind to draw the line, not necessarily half-way between "them, but perhaps with a little inclination to one side."

The vote of thanks was then put to the meeting, and carried.

Colonel Bidder, in reply, thanked the members for their kindness in listening to the Paper and for passing the vote of thanks. It had been a great pleasure to him to have prepared the Paper, and very instructive, because there was nothing more likely to clear one's mind about a subject than trying to explain its meaning to other people.

He also desired to thank the various speakers for their kind references, and to say what a great pleasure it had been to him to meet once more the members of The Institution, of which he had the honour to be an Associate.

Captain W. T. Creswell (Associate) has sent the following written communication :—

I regret I am unable to be present at the reading of the Paper on "The Law of Evidence" this evening.

The author has given a most useful guide on the law dealt with in his Paper; and it certainly fulfils his object, viz., "to help those untrained in the law." May I suggest that some reference might be made to the fact that custom and usage—evidence of agricultural, mercantile, and other established usages—are always admissible to annex unexpressed incidents to contracts (whether oral or written), also to grants, wills, and the like ?

Again, what is so important to members of The Institution is, that those, giving expert evidence, have peculiar privileges, *e.g.* :—

(1) To refresh their memory by reference to previous reports and to accredited works on the matter in hand;

(2) To quote cases or judgments in support of their evidence;

(3) To quote similar evidence that had been given by them in previous cases, and had been accepted therein.

Paper 493.

# NEW METHODS OF HOUSE CONSTRUCTION.

By Major Harry Barnes, V.P.R.I.B.A. (Fellow).

*To be read at the Ordinary General Meeting of The Surveyors' Institution on Monday, 4th May,* 1925.

1. The title is a little indefinite, and we found it so in the Moir Committee. Pedants and purists may challenge every one we put into our categories, and call in support King Solomon: "The thing that hath been, it is that which shall "be, and that which is done is that which shall be done, "and there is no new thing under the sun. Is there any- "thing whereof it may be said, See this is new, it hath been "already of old time which was before us."

Despite such powerful opinion to the contrary, we accepted the term, and found a test by which to establish it. It was, as all tests must be, one of comparison, comparison with methods that were old. Walls not of stone or brick, roofs not covered with tiles or slates or thatch, floors not of wood, pipes not of lead, wall coverings not of plaster, these all come under the term "new," and these form the subject-matter of this screed.

All within this limitation, that they were parts of house construction, and withal houses for the working classes that might be built under the Housing Acts.

2. For the purposes of this paragraph I shall exchange the term "house construction" for "domestic architecture," not without purpose, and not without profit. It is quite useful to remind the people who have developed a passion for sheltering the working classes in any kind of a shanty that can be extemporised that as a nation we have at least a great tradition in domestic architecture extending from castle to cottage. The stone cottages of the Cotswolds and

the north, the black and white of Sussex and many another English county, are as prized to-day as in their prime. Indeed, it may be more so; they have a double appeal, to the auctioneer as to the æsthete, and those to whom this paragraph is addressed, the first part may convince, where the second might fail, that "a thing of beauty" may yield rent for ever, or at least for long.

Under the pretext of housing the people the same tide of ugliness seems likely to spread over the country that swept it between the forties and eighties of the last century. And, for a similar reason, production beyond the limits of craftsmanship.

Few people will have the courage to stem that tide; most will be daunted by the cry that they are allowing idle æsthetic considerations to limit the provision of the houses so sorely needed.

Countries get, they say, the governments they deserve, and no doubt we shall get the houses we deserve.

3. This prologue may not unnaturally have already begotten the suspicion that I come to curse new methods. It may be so, and yet, like Balaam, I may remain to bless. We shall see. We are all conservative, surveyors inevitably so, for they are at all times concerned with the *status quo*; time and space with them are inseparably linked. Still change does come, and those of us who regard the brick house as the Englishman's home to be defended against these concrete, steel and asbestos intruders, may be reminded that the brick house itself was once a novelty. Brick Court in the Temple is sufficient attestation of that fact. Stone, even, was a supersession in the time when a man could say without poetic license: "I will arise and go "now, and go to Innesfree, and a small cabin build there, of "clay and wattles made." Clay and wattles; and before that, I suppose, a cave!

Each fought for survival, and each succumbed to some economic stringency, and it may be the day of brick and slate and plaster is over; but I think not yet.

As with these external elements of the house, so with the interior. To oak was added walnut, and to walnut maho-

gany, while to-day woods with outlandish names woo us at every exhibition.

I know a moorland village where in old days men felled oaks bent by west winds and turning the inclined trunks to each other formed roof-trees; laying on these arched trusses their lopped branches to make spars and purlins, with the twigs for laths, and over all a thick bed of the ling rooted from the hillside.

Later came men who quarried that same hillside for the grey stone, not only for the walls but for the roof, and the houses so built came in the course of weathering time to look like boulders where they lay.

Then the red brick and cancerous blue slate crept into the village, spreading slowly from farm to farm.

Last of all came one such as Samuel Smiles would have loved, with an eye to the holiday-maker, and for him he founded what he was pleased to call "a bungalow," and the walls and the roof thereof were of corrugated iron.

> "So God fulfils himself in many ways,
> Lest one good custom should corrupt the world."

Let us, then, who possess the historic sense resign ourselves to the investigation of New Methods, prepared, if they justify themselves, to adopt them, if it be with vain regrets.

4. It is a Gilbertian situation in which we find ourselves. Statesmen of undoubted eminence have set themselves solemnly to supersede the homely materials of which our homes are compounded. There has been nothing like it since the Quest of the Holy Grail. Walls without bricks; roofs without slates;—it sounds like an extension of the pastime a playful Pharaoh provided for the Israelites. It is a search for substitutes, and why? Because bricks are a failure, and plaster played out? Because slates are porous, and tiles will not turn rain? None of these things. Is it because clay-beds are exhausted, slate quarries worked out, and there is no fuel for the lime-kiln? Nor for these reasons. It may be, perhaps, the population is diminishing, that agriculture claims too large a proportion of it, that labour is short in all the great industries, and we must find

materials and methods to which machinery can be applied and labour reduced? Nor for this.

The facts are admitted by all—first, that there are no building materials which excel those in common use, that at the best all substitutes approach them only in their qualities; second, that our mineral and fuel resources are ample for all requirements; and last, that we have a reservoir of unemployed labour from which we can draw and train all the labour we require. These are the facts, and, in face of them, having the best, we are conducting this ludicrous search for the second best.

With a full knowledge of the situation and all its difficulties, I do not hesitate to describe this search as a miserable evasion by every Government since 1918 of its real duty, and as the most abject confession of bankrupt statesmanship that has been made in our domestic political history during the last fifty years.

The business, and not the dream, is to secure such supplies of proved materials and craftmanship as to provide adequately for the housing needs of the country.

5. Having said so much of the statesmanship, let me recount the doings of the experts with perhaps more coolness and detachment. It will be useful, in the first place, to deal with them historically. The Moir Committee is not the first body to be charged with the task of discovering new methods of house construction.

The President of the Local Government Board for 1919 appointed a Committee, with the following terms of reference:—

(1) To consider questions of standardisation in regard to materials and structural fittings required for State-aided housing schemes, and to submit to the Board standards for use in such schemes;

(2) To consider proposals submitted to the Board in regard to new materials and methods of construction, and to advise as to their use in State-aided housing schemes.

This Committee published from time to time its proceed-

ings in *Housing*, a journal published by the Ministry of Health, and at the end of a year published a Report of the first year's work of the Committee.

In approaching its task it is said to have had in mind the applying of new methods and materials of construction to the production of three categories of houses as follows:—

(*a*) Houses which, in respect of durability, appearance, accommodation, and comfort, would be equal in all respects to houses constructed of brick, as cheaply and in such a way as would render unnecessary the use of these particular materials and that particular class of labour which was particularly scarce;

(*b*) Houses not so durable or satisfactory as a brick house, but houses that could be constructed quickly, fairly cheaply, and with materials and labour usually and normally employed in the building industry;

(*c*) Houses frankly inferior to those in category (*a*) which could be produced by different materials and by skilled or unskilled labour not normally employed in the building industry.

That was their task: that was their approach to it.

The method of working of the Committee was, as far as I am informed, also the method of the Moir Committee. Proposals sent to them were first "vetted" by official experts, who reported on them.

The Committee, composed entirely of technical men and experts, then considered the proposals, and, if they thought it necessary, interviewed the patentee or designer.

When approved by them and the Minister, the organisation of the housing department was used to bring them to the notice of the local authorities.

In addition, at Acton a number of experimental houses were built.

The net result of all this was, as far as information can be collected, the erection in England of 19,168 houses under what was then regarded as new methods of construction. These have been classified as follows:—

ENGLAND ONLY.

| | | | |
|---|---|---|---|
| 1. Concrete blocks and slabs— | | | |
| (*a*) Such as reduce greatly the need for bricklayers ... | 1,902 | | |
| (*b*) Others ... ... ... | 6,956 | | |
| | | 8,858 | |
| 2. Concrete *in situ* ... ... ... | | 870 | |
| 3. Reinforced concrete ... ... ... | | 1,903 | |
| | | | 11,631 |
| 4. Steel framing ... ... ... ... ... | | | 4,459 |
| 5. Hollow bricks ... ... ... ... | | | 544 |
| 6. Timber... ... ... ... ... ... | | | 40 |
| 7. Brick and concrete * ... ... ... ... | | | 2,409 |
| 8. Various— | | | |
| Open brickwork, pise and clay lump, and various others ... ... ... ... | | | 85 |
| | | | 19,168 |

Information has been received from various local authorities as to their experiences of these houses, but it will be more convenient to give these at a later stage of the Paper after the methods have themselves been more particularly described.

The Committee met weekly, continuing its work till April, 1921, when it ceased to function, first because a definite limit was then put to the then housing scheme, next that the flow of ideas of new proposals and new inventions had practically run dry, and lastly, because the industry, having restored itself to a reasonable level, there was—a significant statement—really no further demand for new methods.

The Committee approved somewhere round about a hundred proposals for new methods of applying brick, concrete, steel and timber to house construction, but it is doubtful if half a dozen of these are now being applied to the production of any considerable number of houses.

* Not recorded as a new method now.

Probably the most important part of this Committee's work was the bringing into being of the Building Research Board, which came about through a suggestion made by the Committee to the Ministry of Health that the Department of Scientific and Industrial Research should establish a Building Board with power to carry out, *inter alia*, researches into building materials. To the work of this Board my next paragraph will be devoted. I conclude this by expressing my obligation, as a member of the Moir Committee, to our predecessors on this work.

6. The Building Research Board was appointed in 1920. It was preceded by, and its *personnel* largely drawn from, a Building Materials Research Committee appointed some time after 1917.

It has published a number of interesting Reports on experimental materials and construction, all to be obtained from H.M. Stationery Office.

Those most pertinent to the proposals which loom most largely in the public eye are on—

"The Transmission of Heat and Gases through and the Condensation of Moisture on Wall Materials"; and

"Heat Transmission through Walls, Concretes, and Plaster."

Of these more will be said in a later passage.

Too much cannot be said here of the value of the Building Research Board. It is stupidly starved, as is every other form of research in this rule-of-thumb country, and will probably remain so until it, if ever, attracts the attention of some one of those American millionaire trust foundations, which, like the Carnegie and Rockefeller benefactions, make up the deficiences our niggardliness, collective and individual, leaves.

7. The Moir Committee is the child of Lord Weir. It owes its origin to a speech made by him in the House of Lords during the passage of the Housing Act, 1924. It was a speech delivered at the psychological moment in the *milieu* most favourable to it.

Five years of housing administration had at last brought everybody who counts, however reluctantly, to the conclusion that the substantial difficulty in the way of an adequate housing provision is the shortage of skilled labour. Driven to admit that fact, even a Labour Government was unable to resist the demand made by Lord Weir for an enquiry into alternative methods, and, in fulfilment of their promise, the Moir Committee came into being on the 10th day of September, 1924.

Its reference was—

> "To enquire and report as to new materials or methods of construction which are or may be available for the building of houses for the working classes, and to make recommendations as to the organisation required for securing the adoption and use of approved new materials or methods by local authorities and other bodies or persons providing such houses."

As the least distinguished and least diligent member of that Committee, let me take this opportunity of paying a tribute to my colleagues and the Chairman of that Committee.

Between the date of its appointment and the 31st of January it had held 17 meetings as a full Committee, besides numerous sub-committee meetings, had visited various parts of England and Scotland to inspect experimental methods of one sort and another, considered and given decisions on 300 proposals of all sorts, and presented three Reports. Few Committees could show a better record in the way of output, and I think every member of it would agree that it was largely due to the energy and good humour of its Chairman, Sir Ernest Moir, and the indefatigable service rendered by the secretary and other officials of the Ministry of Health.

It may be of interest to know something of the classification of these proposals. They were obtained after advertising the fact that the consideration of the Committee would be given to all and sundry. There was a main classification into—

(A).—Concrete construction;
(B).—Other construction.

In Class A 167 proposals found a place; they were further classified as follows:—

| | |
|---|---|
| Block concrete construction ... ... | 37 |
| Concrete *in situ* ... ... ... ... | 57 |
| Reinforced concrete ... ... ... | 36 |
| Miscellaneous ... ... ... ... | 33 |
| Concrete-making appliances ... ... | 4 |

In to Class B went—

| | |
|---|---|
| Brick and brick substitutes ... ... | 24 |
| Steel-framed houses ... ... ... | 11 |
| Timber framing ... ... ... ... | 16 |
| Patent materials ... ... ... ... | 7 |
| Plaster substitutes ... ... ... | 13 |
| Roof coverings ... ... ... ... | 7 |
| Building machines ... ... ... | 4 |
| Miscellaneous ... ... ... ... | 50 |

Students of the Reports will recollect that the first is devoted entirely to the Weir houses; the second deals with concrete construction in the following order: (1) *in situ* concrete; (2) steel construction; (3) block construction; (4) large-slab construction; and the order in which these are placed is a fair indication of the relative importance they had in the mind of the Committee. The Third Report dealt with (*a*) steel-framed houses; (*b*) timber houses; (*c*) factory-built houses; (*d*) burnt-clay block construction; (*e*) plaster substitutes; (*f*) roofing substitutes; (*g*) asbestos slates. Readers of the Reports will probably be struck by the guarded character of the expressions of opinion such as the following, taken at random from the Reports, which will serve as illustrations: "Subject to the criticisms we "have made"—"at least, in the meantime"—"we suggest "for consideration"—"on the assumption"—and other like phrases.

The reason is not far to seek. The Committee was comprised of men for the most part of considerable technical attainments, and I think I may say without reservation of any kind that there was absolute unanimity as to the supremacy of brick, plaster, slate and tile construction over any

other form that has presented itself. Nothing that appears in any of the Reports is to be construed as an admission to the contrary. The Committee were, however, working within the terms of their reference, set to make the best of the second best, to say what substitutes in the absence of the materials I have named could be safely and satisfactorily employed.

Not one man at that Board, I feel safe to say, would, other things being equal, but have given his vote for the continued use of stone, brick, slate, tile and plaster in house construction. In fairness to every member of that Committee that must be borne in mind. With such a consensus of opinion, it speaks volumes for the detachment and impartiality of the Committee, and its sense of public necessity, that it should set its hands to the recommendations it has made.

As it is, the Committee has found no satisfactory plaster substitute, and no roofing substitute to which it can give whole-hearted endorsement.

Of the two leading proposals, quasi-political in their origin, one emanating from the House of Lords, the Weir houses, the other from the House of Commons, the Burney houses, the Committee are only able to say of the first, the Weir houses, that: "Subject to the conclusions we have made, "this type of house is one that is deserving of encouragement, and *might* form *part at least*, in the *meantime*, of the "structures that go to house the people, particularly in "cases where cheap land is available, where foundations are "doubtful, and *where for any reason more permanent* type of "buildings cannot quickly be provided"; and of the second, the Burney houses: "The Committee are not in a position "to express an opinion as to the merits of this system, as "the final tests have not yet been made on the material. *If* "these prove satisfactory, it *appears* that the system is one "which has considerable *potentialities.*"

The outstanding feature of the Reports of the Committee is its approval of *in situ* concrete construction, and the first outcome of that approval is the competition instituted by the Ministry of Health for the best form of shuttering.

This approval is the more remarkable in that the reports received from the local authorities on their experiences of concrete construction during the last five years are less favourable to *in situ* concrete than to the other forms of concrete construction. It is to be explained by the reports received of the recent developments in *in situ* work which have taken place in Amsterdam, and of which more will be said in a later passage of this Paper.

8. So much for history. I should like to turn now, if only for my own pleasure, to the philosophy, natural and otherwise, of my subject.

In doing so I propose to allow myself a wider range than was permitted to the Moir Committee.

We are not really precluded from building in the old-fashioned way with the old-fashioned materials. As I have shown, there is a potential supply, adequate for all needs, if we are determined to enter into and possess them. It is true we may wander in the desert of substitutes for forty years or more, but it will be our own fault if we do. A little vision and a little courage might soon put a period to our wanderings.

If there is anything new that is better than the old by all means let us have it, but do not let us be driven to take what is inferior because we have not the wit and the courage to secure the best.

9. What qualities are wanted in building materials for house construction, æsthetic and utilitarian? If we can make up our minds on that, we shall get some standard by what we can determine whether we are to cling to the old or fly to the new.

Æsthetic and utilitarian, these two, and I think I will take the æsthetic qualities first. I know that will be sport for the Philistines, whose race seems to have increased since the war;—but what of that? Time makes sport of them, and preserves to eternity the memory of everything they despise. The things that matter in this respect are outline, surface, and colour; and if the old materials are to be driven out of the field, they must be beaten on these points as well as on others.

In our clothes—outline we call "cut," surface "texture," and colour "shade, tint, and hue." I want cut and texture and colour in the houses we build. I want to stop the advent of the housebotcher, who, because he can enclose space with plane surface he calls walls, and a lid he terms a roof, is to be allowed to erect any monstrosity that his half-educated, wholly uncultured mind can devise. Because people have learned how to pound a filthy mixture in a mortar, are they to be allowed to smear the countryside with their unholy decoctions. Out upon it! I say; let some of us have the courage to say that there is an indecency of the mind hardly less reprehensive than an indecency of the senses. I am not setting up any arbitrary standard of exclusiveness; I am not shutting out any material that will allow the craftsman to express in line that mystery of gradation and change which, inexpressible, as it is, in any description, is to the seeing eye the supreme satisfaction. If it is to be found in any word it is in *craftsmanship*, in building that is *architecture*, and architecture only, because it is building at its best. You will find it everywhere: in the batter of a wall, the overhang of a roof, the line of a ridge, the spacing of window panes, the proportion of openings, the bulk of a chimney; everywhere, where the crafty hand has obeyed the cunning eye and fixed for us for ever, or many a day, that something which, in its most perfect completeness, we call the form divine. Surface-texture—you get it in a roof, the coarse grain of the slate, the roughness of the tile, the reeding of thatch; it is in the wall, the granulation of stone, the fire-bitten face of brick, the undulation of plaster; and colour;—to lose *that* is, perhaps, the greatest loss of all. Concrete is wonderful, but oh! the drabness and the dulness of it! Why cannot Portland cement do its work unseen? Why should our houses go in convict garb? Until they have learned to give it life and colour—I do not mean smears of ochre and oxides—let us insist on it being cleanly clad in rough-cast that at least gives grain and gleam and glint. Do not let us think these things trifles; they are not. They thought them trifles in the fifties, and gave us miles of mean drab streets, grey and grimy, in

which only the ginshops glittered like jewels. Do not let ourselves be stampeded into cursing the generations that are coming with such a legacy. Welcome the new materials, the new methods of construction, by all means, but let them conform to the not too high standard of appearance to which we have so slowly and so painfully come. I do not say that all brick is beautiful—some of it is abominable. I am no lover of the thin blue slate, but at least, if they are to be replaced, let it be by materials that are not less pleasing to behold.

10. *Pace* the æsthete, let us turn to considerations to which the larger number will turn the attentive ear. We cannot test taste with a thermometer or measure it hydroscopically, but there are certain essentials in house construction which can be so exactly examined. To these let us turn. Whatever materials we use, whatever methods we employ, the result we want is a dry warm dwelling in which vermin will not lodge. Not quite so easily provided as may seem. What is dry may be cold. What is warm may provide convenient harbour for other lodgers than ourselves.

There was nothing more interesting in our investigations than to find ourselves continually returning to these fundamentals, and nothing more arresting than to find that the homely familiar materials of brick, plaster, tile and slate that we had used without thought, unconsciously, subconsciously almost, were not mere arbitrary selections of caprice or casualness, but had, in the long course of construction, come to their place just because they answered more than any others to these fundamental needs. They kept the weather out; they kept the warmth in.

It came every now and again with something of surprise when a new material and new method was under consideration—the thought, What are we looking for in this material? and the answer, What we already have in brick and tile, slate and plaster. But so it was, and so it is. Steel or concrete, the test is the same, and has been applied both in the laboratory and in the erected dwelling.

One of the most interesting Reports of the Building

Research Board is that which deals with heat transmission, and from it I may usefully give some of the results recorded there. The house that gives the best results for warmth is the timber house: that is the experience of Dr. Griffiths, who made the test recorded in the Reports. That was also the experience obtained by experiments at the Norwegian Technical Academy and at the Academy of Engineering Science, Stockholm. This is a result that pleases me. I could endure to see timber houses in unlimited quantities. They are indigenous, and have endured for centuries. Surrey possesses still many of the most delightful weather-boarded houses. Near my home I know a cluster, one of them three stories in height, on which the eye dwells with unceasing pleasure, while over Blackfriars Bridge, to the left, there still remains the last survivors of a row that bring the feet to a halt, and give a sense of pleasure that lasts almost to the Elephant and Castle.

True, there is the bug trouble; but that is not insuperable, and of it more anon. Here I will only recall the words of the First Report of the Moir Committee, that they were "advised that there are certain effective remedies for the "elimination of the bug."

In a table at the end of the Paper may be found set out the result of the experiments in heat transmission through various types of walls. It will be seen that after the timber house the next five places are taken by brick houses of one type or another, the first concrete house showing 47 per cent. greater heat transmission than the first brick house, though in the latter case the wall is solid, while the concrete wall has a cavity. The importance of this is shown by the fact that the solid 9-inch sand-lime brick wall has a conductivity of 258 per cent., while the 9-inch cavity sand-lime brick has a conductivity of only 199 per cent. of the timber house. Curiously, no test seems to have been made of the cavity wall with Fletton brick externally and stock brick internally. Such a construction, it would appear, would approximate closely to the timber house. Dr. Griffiths' experiments are confirmed by those made at the Norwegian Technical

Academy, when a timber-framed house being taken as the standard at 100 per cent., brick houses ranged from 153 to 172 per cent., concrete houses ranged from 172 to 221 per cent., under the same conditions; while in the Swedish experiments, taking the timber wall at 100 per cent., the best concrete wall with cavity was 200 per cent.

I cannot deny that these results give me satisfaction, I prefer brick to concrete, and I am glad to know that it is not a merely sentimental choice, but one based on a superiority in the material, of fundamental importance.

No tests have been made by the Building Research Board of the conductivity of steel houses, but it does not need much knowledge of materials to know that in itself it is infinitely inferior to concrete, much more to brick and timber. In a paragraph on the Weir houses I shall have something more to say on this point.

11. So much for warmth. Now for wet. I suppose one of the first reasons for taking shelter is to get in out of the wet, so it is not surprising that a prime test of shelter should be its freedom from dampness, its "non-hydroscopic" character. Defects in dwellings may give opportunity for dampness from three sources: the gentle rain from heaven may penetrate walls or roof; the moisture from the ground may join forces with that which cometh from above and reach us through walls and floors; while the moisture-laden air inside our rooms may deposit its contents on our walls.

We are not concerned here with all the cunning ways in which, with reeds and thatch, stone, tile, slate, and lead, the thatcher, tiler, slater and plumber have defeated the elements. These belong to the traditions of building. Nor need we discuss how boards and felt, corrugated iron, ruberoid, asphalt, may be used. There seems hardly any limit to the range of roofing materials that may serve temporary or permanent needs. The asbestos slate, even, is not new in the sense in which we are using this term. The steel sheet covered with layers of bitumen and asbestos is more of a novelty, but to it the Moir Committee makes but the guarded reference: "There has not been sufficient ex-
"perience as to life and durability, but there would appear

'to be considerable possibilities in the further utilisation of "such a system. Consideration must be given to the ques- "tion of appearance" (admirable sentiment) "and to the "maintenance of an equable temperature."

It is not, however, the damp that reaches us through the roof slate we are most concerned with here, nor that which arises from the ground, for the latter the damp-course is too well established in theory at least, and no method seeks to displace it, save it be the Greve or *Korrel-beten* system as used in Holland, of which more anon.

The real point of interest is the wall, that double dampness which depends on the two-faced character of the wall. We do not want the driving rain through the wall, nor do we want drops of condensed vapour on its inner face.

It is an old problem, and goes back to before the Flood, for we are informed that when Noah was driven to new methods to meet the shortage of housing that was impending, he took the precaution when he was constructing his timber house—not having the advantage of steel construction—to "pitch it within and without."

The cavity wall is the device that has solved the problem on the external side, as far as the brick wall is concerned, and although *in situ* concrete tends to draw us back to the solid wall, block and slab system of concrete construction in the majority of cases either use the cavity principle or are driven to a composite slab presenting an impervious face to the exterior and a porous face to the inside. This porous face is the attempt, or, on the evidence, it may fairly be called, the solution, of the condensation trouble in the concrete wall.

In its turn, however, it leads to another difficulty, the securing of an interior face smooth enough for decorative purposes.

After the last returns the first, though a wide compass round be fetched. It is no exception that, beginning with æsthetic considerations, we find ourselves returning to them.

Working from the rough-pointed, daubed interior face of the stone wall by way of tapestry, wainscot, and plaster, we have come to wall-paper, and while there are signs on

the part of the ultra-cultured of a reversion to the pointed or roughly plastered wall, any suggestion that working-class houses should be so finished would at once be regarded as depriving the occupants of refinements to which they are entitled.

The plasterer has made good his claim; he, at one and the same time, closes up the cracks and apertures left by the waller, presents an unbroken front to cold air currents from without, keeping the temperature of the rooms higher and more equable, and also presents to the painter and paperhanger a smooth surface on which they can display their art. Withal a surface sufficiently porous to take up the condensed moisture in the room. Little wonder if his substitute is not easily found. Of plaster substitutes the Moir Committee say: "It is submitted that the provision of "a satisfactory plaster substitute is much needed, and every "effort should be made to get it."

The constructor of the concrete wall that is to make the bricklayer and plasterer unnecessary has therefore this task before him. His wall must have an exterior surface impervious to the weather, and an interior surface that is not impervious to condensation. The interior surface must also be smooth enough for the painter or paperhanger's work.

The wall must have a low conductivity, and therefore must be free from cracks. It must be plumb and well bonded throughout, and present a true surface both to the exterior and interior.

That capacity for forming a true surface out of units not perfectly true in themselves is part of the craftsmanship of the bricklayer on the exterior of the wall and the plasterer on the interior face.

Where neither are employed it must be secured by appliances.

It is clear that our requirements have ruled out block and small-slab construction, both of which would only substitute the blocklayer for the bricklayer, as valuable a performance as that of the critics who discovered that *Hamlet* was not written by William Shakespeare but by

another writer of the same name. If a rose by any other name will smell as sweet, so I fear a bricklayer by any other name will be as dear.

We are driven by our definition, first, to the conclusion of the Moir Committee that the only system which answers to it is that of *in situ* concrete, and, second, to the competition inaugurated by the Ministry of Health for the best and most economical system of shuttering.

It is perhaps fitting that statesmen, bankrupt of all real resource in this matter, should be driven to the conclusion that there is nothing for it but to "put the shutters up"; but that is the position we have arrived at, and we may as well consider it.

12. Considerable attention has been directed to a form of *in situ* concrete developed in Holland on a large scale, and the Moir Committee had the advantage of reports on it from two of its most distinguished members, Sir Charles Ruthen, O.B.E., F.R.I.B.A., Director-General of Housing, and Mr. John Brodie, M.I.C.E., the City Engineer of Liverpool, who enjoys a world-wide reputation for his work.

This is a solid wall construction, necessitating cement facing on the outside and plaster facing on the inside, and so is really outside our definition, but, in view of the attention directed to it, must be noticed here.

In its best known form it is called *Korrelbeten*, which I take the liberty to translate as "coral stone," and no better description could be given to it. Like Gruyère cheese, every pound of it contains half a pound of holes. It moves in the very opposite direction to that of block concrete; instead of being rammed and tamped to form a dense mass, every care is taken to make it the opposite. The proportions of the concrete are one of cement to ten of aggregate. The aggregate is destructor clinker of good character. Only what is retained upon a $\frac{1}{2}$-inch mesh after passing through a $1\frac{1}{4}$-inch mesh is used. The cement is mixed with water, then with the aggregate, and the concrete then poured into the cavities between the shuttering. No ramming is carried out. The walls consist entirely of vitrified nodules of

clinker, each nodule coated with neat cement. The elimination of the fine particles in the aggregate, usually consisting in orthodox concrete of sand and gravel, produces a proportion of air pockets equal to 50 per cent. of the mass, reducing the weight of the concrete by 50 per cent., and—so it is claimed—producing—if this is not a bull—an entire absence of capillary attraction.

Walls of this type 8 inches thick, without reinforcement, are, it is said, carried several stories in height.

Without doubt there are several novel points in this construction that are worthy of study as being in opposition to our general practice here, but in the demands it makes upon the plasterer the system does not meet one of the main causes that has set us on the track of new methods.

*In situ* concrete walls—to fulfil at once the technical, industrial, and political requirements of the situation here—must be cavity walls. In no other way can we secure the separation of material required to meet internal and external hydroscopic conditions. Such a requirement increases considerably the difficulties of shuttering, as a moment's reflection will show. Instead of one wall to build there are two, much thinner, and very close together.

Here are the points the shuttering for such construction must meet to fulfil the requirements as set out in the circular issued by the Ministry of Health :—

> "*Economy.*—The production of a satisfactory finish in the external and internal faces of the wall with the minimum of further treatment; the ease with which the shuttering can be freed, moved, and refixed by other than skilled men; the durability in use, facilities for use with different designs of cottages, adaptability for use with cavity walls, &c., &c."

There is much virtue in one "&c."; how much more in "two"!

Applications are to be in on 3rd May, and, with varying degrees of expectation, we shall, no doubt, wait and see.

To such refinements do new methods lead us; and it will

not be a matter of surprise when we come to costs if we find them reflected there.

13. I should not pass from the concrete wall without reference to the possibilities of large-slab construction. This form of construction is being used now in Holland, in one case the slabs weighing 3 tons, and forming half the front or back of a house, in the other 6½ cwts., being much narrower and extending the height of a storey.

Like a good many other things which are developed on the Continent, pioneer work was done in this country, both at Liverpool and Letchworth twenty years ago. These have proved effective; but, in view of the general trend, the development of this large-slab concrete construction would not seem likely to occur except, as the Moir Committee suggest, in connection with large-apartment dwellings, built of steel framework, where it could be used as panel-work in place of brickwork. It fails in its æsthetic possibilities—"Interesting, if not beautiful" being the kind of comment that arises.

14. A consideration of large-slab construction would not be complete without a reference to the Burney house, and any treatment of new methods at the present time without a discussion of the Weir house would be to play *Hamlet* without the Prince.

The treatment by the Moir Committee in their Reports of the two proposals is markedly different. The First Report, with little exception, deals entirely with the Weir house; to the Burney house a few lines only are given in the Third Report. This is not remarkable in view of the origin of the Committee, and does not represent in relative proportion the consideration given to the two proposals. In the case of Lord Weir's house the proposal was in a much more advanced stage, and the Committee were in a much better position to make a full Report.

The Burney proposals, however, received very close attention, and a considerable part of the time of the Committee was given to their consideration. This time they warranted, for they are of a most ingenious character.

The idea beneath them is of a most logical character, being to build a house like a motor-car, each part being constructed in a factory with the best and latest machinery.

In other words, Commander Burney aimed at being the Ford of housing, though to take another extract from the description of his scheme it may have been "Rolls-Royce" he had in mind, for he says: "In this way the cost of "construction can be reduced, and many refinements have "been introduced that would, at the same cost, be quite "impossible under ordinary conditions. For instance, "panelled walls, rounded corners and ceilings, and marble-"like floors to halls and bathrooms can all be incorporated."

Starting with this idea, the logical implications are easily traced.

Being made in the factory, the question of their transport to the site was of vital importance. A pair of parlour houses built in brick or concrete was estimated to weigh anything from 180 tons to about 195 tons. Despite the philanthropic tendencies of railway companies, it was evident that such a weight involved transport charges that were prohibitive.

The search then began for a material that would reduce that weight, and the claim for the Burney house is that the material discovered has reduced the comparable weight to 53 tons, and on that the range for a factory has been estimated as a circle with a radius of 25 miles.

Weight was not the only factor, however. If it had been, cork or thistledown might have sufficed; but there were those others to which we have throughout been referring—particularly that dual quality of imperviousness and porosity on which we have spent some time. To find a material that was "stone on one face and wood on another" is the apt description of what Commander Burney was after. The search, it is said, has been successful, and materials combining these essential qualities with a strength greater than concrete has been found. The final test—that of durability—was felt to turn largely on the question of the expansion and contraction of the material in the range of temperatures experienced here. On that point at the time the Com-

mittee made its Report, the tests to which Commander Burney was submitting his material were not complete, and in these circumstances the Report was drafted as it appears.

For my part, it is the fatal facility which is claimed for the material in respect of moulding and colouring that gives me pause.

The grace and charm of Georgian architecture, to which we are just returning after a century of profligacy in design, largely disappeared before the riot of moulding that wood-working machinery made possible; and I can only hope that if the potentialities the Moir Committee saw before this system are realised, it may be with more restraint and less exuberance that is shown in the enthusiasm the promoters now display.

Lord Weir's house does not so dismay me. With one reservation, which I will leave to the end, I could accept it almost in its entirety. Like the Burney house, it is the child of an idea. Lord Weir is the Canning of housing. He would call in the new crafts to redress the balance of the old. Head of a firm whose product is a synonym for supreme excellence, he has brought to the study of small house production all the qualities that have made Weir pumps, like Rolls-Royce cars, and Lincoln and Bennet's hats, to be the standard of their class.

I think I shall not be misinterpreting the feelings of those of my colleagues on the Moir Committee, who, like myself, have spent their life in buildings, if I say that far beyond the interest of the house he has produced was the fascination of following the process as he outlined it to us of this masterly mind applying itself to this new problem, free from all preconceived ideas, clear of tradition, treating it logically, analytically, and, within its self-imposed limitations, completely.

It is the limitations that make the game; the one disappears with the other. "The 12-foot ring"—the "touch line," "in baulk"—a host of similes spring to the mind, and we who have been used to building houses with bricks, slabs and tiles, could hardly fail to be drawn to a man who was going to produce them without one or the other. Lord Weir

sat down to the problem of building without bricklayers, plasterers, slaters, and plumbers, and offers us his solution. Slates have given way to asbestos, lead to copper, plaster to wood-pulp, brick to steel. *Voilà!* or, perhaps, Houp-la! would be the fitting exclamation. It is so much more than a spectacle that one wonders if it is anything less than a trick—or a miracle;—those of us who have seen *Saint Joan* will have been taught that to regard it as one or the other is only a question of position, which seems to show that there is but one Einstein and Mr. Shaw is his prophet.

Here is an appropriate point to interpolate that there has been a good deal of nonsense talked about the Weir house. It is not a steel house at all, unless the epidermis is more important than the vertebræ. It is really a rather lightly framed wood structure, roofed with asbestos slates, lined in the interior with a patent boarding and on the exterior with thin plates of steel, all standing on a concrete foundation. We have framed buildings of wood, and roofed them with asbestos, and lined them with 3-ply, all before Lord Weir. We have even covered them with ferrous metal, though iron in place of steel and corrugated instead of flat. After all, Lord Weir's genius is, perhaps, not analytical, but synthetical. It is as an assembler of substitutes his fame must stand.

Most of us have had the courage to use one or other of them for want of a better. It required a builder without a past to see in the combination of them all the hope of the future. There is nothing offensive about the appearance of the house; on the contrary, it is quite neat—"snod," I think, would be the correct kailyard epithet to apply.

There is a Spartan simplicity about them I infinitely prefer to the Corinthian profusion promised us in the Burney product. They seem eminently suited for plain living and high thinking. I could imagine a pair of highbrows, devoted disciples of the doctrines of Doctor Marie Stopes, living an irreproachable existence in them; but they do not seem to me to be designed for the rough and tumble of family life. I get the same feeling of pleasure in going through them that I get when I look at one of those new

and lighter cars. There is such evidence of adaptation of means to end, such nicety of arrangement, everything thought of, and a place for everything. The clock, the petrol gauge, the speedometer, the glove box and cigar tray, the reading light and the match-box; everything there and all to hand.

One knows, of course, that they will not stop there, that they will get worn and rusted and detached; but "hope "springs eternal in the human breast," and one buys if only on the deferred payment system. I shall not, I know, discourage Lord Weir; I do not want to. I think he has performed a very useful service in this matter, and his work will have real value, not in the matter to which so much publicity has been given, the mere covering of a framework with steel sheets, but in the concentrated attention he has given to the details of small-house design. To have a really big mind applied to these details is a great gain. The searching into scantlings, the perfecting of fittings and fitments, the seeing the interior of the small house as a whole, not merely as a congeries of hardware, sanitary fittings, and heating appliances, uncoördinated and unrelated, is of immense value. I welcome him to his new field of operations; I would give him any number of orders for steel houses, on one condition—that he used no steel. Mr. Ford is said to be willing that his customers shall have their cars any colour they like provided it is black, and I would be willing to let Lord Weir cover the walls of his houses, inside and out, with anything he liked provided it is wood.

That is really his field. Let him, in this emergency, give us a weather-boarded, wood-lined house, and I promise him a market beyond his dreams.

Those who read the First Report of the Moir Committee will realise the considerations that gave it pause. High conductivity: "We do not anticipate that serious objection "can be taken to the house on this score." Risk of sweating: "We do not anticipate that there will be any "trouble under these heads. Vermin: "We do not think "there will be any greater difficulty than appertains to "houses of similar internal construction." Just a little note of hesitation.

If Lord Weir will think in wood instead of steel, he will get completely rid of the first two difficulties, and be no worse off as far as the harmful and unnecessary bug is concerned. This Paper has gone far beyond its limits, and I must, no more than the Committee did, dwell on the difficulties of verminicide. Suffice to say that the Committee had, in Sir Frank Baines, an authority who, in addition to his almost unrivalled experience in all problems of construction and maintenance, has had, by reason of his control and administration of a vast number of wooden structures left by the war, exceptional opportunities of dealing with these insect pests, to which wooden buildings are particularly liable. I think I am betraying no secret when I say that it was upon his assurance the Committee was able to commit itself to the opinion it has expressed in this matter.

I will leave the Weir house by saying that if it were of wood I for one would join in pressing the Government to give such substantial guarantees for mass production as would be afforded by a proclamation that it might be accepted as a trustee's security, and that the subsidy would be given only to private individuals who confined themselves to that type of house. There would have to be, of course, some little control of profit, to which Lord Weir would, I am sure, not object.

If that course were adopted, we need not concern ourselves with the verminous person. There are a sufficient number of us sufficiently clean in our personal habits to furnish the tenants for all the houses likely to be erected even under the conditions I propose; and for the others, less dangerous provision could be made.

I am now, I think, nearly at an end. I have said enough to show the shifts to which we are being driven because we will not take steps to increase our provision of the materials and labour we have so long employed. I propose to close this Paper with a note on cost, maintenance, and life of buildings, and a few miscellaneous matters to which I would refer. I have come out of this enquiry with a feeling amounting almost to reverence *for*,

certainly of wonderment *at*, the traditional materials of house construction. They are seen to have so vital and intimate a relation to the human needs they serve and the human skill that directs their use. I cannot resist quoting this passage from Special Report No. 1 of the Building Research Board in reference to bricks :—

> "Without denying the special merits of other blocks in special circumstances, it may be safely assented that for all ordinary uses there is no better building block than the ordinary brick. It has been evolved by thousands of years' experience in all parts of the civilised world as the ideal block for hand use. Its size varies within narrow limits; for instance, in Scotland and India it is slightly larger than in England, in the United States and Belgium it is slightly smaller. But this small variation is in itself a clear testimony to the suitability of the standard; to depart from it entirely is merely to make a block that is quite unsuitable for ordinary use."

15. On cost there is no evidence that the new methods are likely to be more economical than the old. The recorded experience of local authorities would seem to show that in the case of concrete construction, unless there is a good aggregate on the site, the cost is little less than brickwork, often as much and in some cases more. Where aggregate is got on the site, there is to be set off against saving in construction the loss of the land from which the aggregate is taken. That is the experience of one large authority. Another finds the system of concrete a little cheaper than brick; another a little dearer, the cheapest of all, brick face with concrete inner leaf; and generally concludes that there is no concrete system of construction that they have yet devised that is equal to the brick. So the experience goes, and perhaps the best evidence is the fact that less than 10 per cent. of the houses constructed under the Addison Act were built under new methods, and that as the price of brick houses fell, the use of concrete tended to disappear. Steel-framed houses present no greater saving, and have generally failed to gain approval.

No contracts for the Weir houses have been let yet, so as to give any true idea of its cost, but there seems no reason to believe that it will be substantially less than the brick-built house.

16. For maintenance the following figures may be of interest:—

For the non-parlour three-bedroomed brick house the annual provision needed for repairs and renewals, internal and external, has been found on very considerable experience to be, under present conditions, £5 8*s.*

It has also been estimated that the extra cost of white-liming rough-cast houses is £1 per year. This would be a modest estimate of the cost of painting a steel house. In order that this sum should not increase the loss on the rental for which the imperial and local subsidies are intended to provide, the first cost of the structure should be £20 less.

On the life of the house it has been estimated that the debit charges on a house costing £500 to build amounts to £27 10*s.* 11*d.* for a period of 60 years. If on account of the difference in the structure the loan period was restricted to 40 years, the capital cost would require to be reduced by £65, if to 30 years by £103.

Taking these two things together, and giving the steel house a 30 years' life for loan purpose, it would require to be built for £380 to offer the same financial proposition.

There is further to be taken into account the rental value. Would the same rent be obtained for a steel house as for a brick house? There is no experience to support such a view and much against it. If a 1*s.* per week reduction had to be given, this would require another £40 reduction in original cost reducing it to £340.

To summarise, it would seem that, to put the steel house on the same financial footing as the brick house, the non-parlour type should not exceed an all-in cost of £350.

17. So I come to the end of this long and rather rambling journey. If I have brought you to the goal I sought, it is to the conclusion that "the game is not worth the candle"—

that it really is not either courageous or wise to be chasing these will-of-the-wisp substitutes, which will lead us into nothing but difficulties and disappointment. If we resolutely face the difficulties that confront us with the determination that no selfish interest, either of capital or labour, shall be allowed to deprive this country of a form of construction native alike to its resources and its needs, we shall find them disappear, and the way open to proceed with our housing schemes on those lines which are admitted by all to be the best.

## APPENDIX.

TABLE SHOWING PERCENTAGE PER MONTH OF OUTPUT ON HOUSING CONTRACTS.

| Number of Houses in Contract. | Time Occupied by Contract in Months. | Number Completed per Month. | Percentage of Output Completed per Month. |
|---|---|---|---|
| BRICK :— | | | |
| 78 | 17 | 5 | 6·4 |
| 83 | 10 | 8 | 9·6 |
| 91 | 15 | 6 | 6·5 |
| 130 | 17 | 8 | 6·1 |
| 140 | 21 | 7 | 5.0 |
| 248 | 25 | 10 | 4·03 |
| 376 | 28 | 13 | 3·4 |
| 418 | 29 | 14 | 3·3 |
| 710 | 29 | 24 | 3·3 |
| 983 | 21 | 47 | 4·7 |
| 2,089 | 28 | 74 | 3·6 |
| CONCRETE :— | | | |
| 1,911 | 18 | 106 | 5·5 |

TABLE SHOWING HEAT TRANSMISSION THROUGH VARIOUS TYPES OF WALLS.

| Material. | Thickness in Inches. | Percentage of Heat Transmitted. | Extra Consumption of Coal required for Heating, in cwts. |
|---|---|---|---|
| Timber ... ... ... ... | 6 | 100 | — |
| *Solid Wall.* | | | |
| Fletton's (Lime) ... ... | 8½ | 147 | 9·45 |
| Stock's (Cement) ... ... | 9 | 169 | 14·1 |
| *Cavity Wall.* | | | |
| Sand Lime ... ... ... | 11 | 180 | 16·1 |
| Sand on edge ... ... ... | 9 | 199 | 20·0 |
| Natural Brick (Terra-Cotta)... | 6 | 205 | 21·2 |
| *Solid Wall.* | | | |
| Fidler (Concrete) ... ... | 7 | 210 | 22·3 |
| Pise (Clinkers and Lime) ... | 9 | 223 | 24·6 |
| Pise (Peterborough Clay and Gravel ... ... ... | 9 | 236 | 27·6 |
| *Cavity Wall.* | | | |
| Waller System Wall (Concrete) | 6½ | 250 | 30·5 |
| *Solid Wall.* | | | |
| Sand, Lime, and Cement ... | 9 | 258 | 31·8 |
| *Cavity Wall.* | | | |
| Dry Walls (Concrete)... ... | 6 | 325 | 44·3 |

Based on a six-roomed semi-detached house, with door and window areas deducted, a heating season of 170 days, coal with a heating value of 12,500 B. Th. U. per lb., and a boiler efficiency of 60 per cent.

Vol. LVII. Part VII.

# TRANSACTIONS

OF THE

# SURVEYORS' INSTITUTION

SESSION 1924-1925.

## AT THE ORDINARY GENERAL MEETING

*Held on Monday, 4th May*, 1925,

A DISCUSSION took place on a Paper entitled

## NEW METHODS OF HOUSE CONSTRUCTION,

**By Major Harry Barnes, V.P.R.I.B.A. (Fellow).**

Sir Edwin Savill, o.b.e. (President), in the Chair.

Mr. A. G. Cross (Member of Council) expressed his pleasure in proposing a hearty vote of thanks to Major Barnes for an excellent Paper dealing with a subject of universal interest. In view of the fact that it was of such universal interest, it was to be regretted that the pleasure of listening to the Paper had been confined to members of The Institution and their friends. On the question of the supply of working-class dwellings it was the general public which required to be educated, and any fluent speakers, who were willing and able to read similar Papers in industrial centres and country towns, would earn the gratitude of the

country, and would bring home to the minds of the public generally, the difficulties attached to solving this very complex problem. He was afraid it would be too much to ask Major Barnes himself to undertake such a mission, but it was to be hoped he would continue to contribute to the Press so that his views on the subject might be more widely circulated.

Major Barnes had referred to the nation's traditions in domestic architecture, and was obviously apprehensive lest a wave of ugliness, similar to that which distinguished the mid-Victorian age, should overwhelm the country under the pretext of building houses for the working class. He was sure they would all regret to see the beauty of our countryside and villages disfigured by some of the monstrosities which would be perpetrated, if some of the methods of construction which Major Barnes and his Committee had been investigating were adopted. Major Barnes had said they would get the houses they deserved, but he had not told them what they had done to deserve some of the houses that were being erected.

It was undesirable that a discussion on the merits and demerits of new methods of construction should develop into a discussion on the merits or demerits of trades unionism; but it was certainly to be inferred from the Paper that one of the chief difficulties preventing the erection of dwellings, and the use of materials which had been in vogue through every known civilisation, was the shortage of skilled artisans. Two or three successive Governments had endeavoured to deal with this rather difficult problem, and so far their efforts had not been conspicuously successful. He did not know what the present Government intended to do with regard to the question of dilution and the employment of unskilled labour, but it would appear that they must do one of two things: they must either reach some agreement with the unions on the question of dilution on a large scale, or they must fight those unions on the question of the employment of unskilled labour in constructing portions at least of the houses it was proposed to erect in accordance with new methods. As in the case of every other big political ques-

tion, there was a good deal to be said on both sides. Many sympathised with the argument of the trade unionist, which, as he understood it, was that they were asked to augment their ranks so that the number of their members would exceed the number which, under normal conditions, the industry could absorb; it was admitted that in a few years' time the supply of working-class dwellings would have reached the demand, and then thousands of men would be out of employment, with the result that there would be a reversion to the conditions which prevailed many years ago when the industry afforded only occasional employment for many of the men.

The trade unions asked whether, if they agreed to the suggested dilution, the Government were prepared to guarantee continuous employment for a term to all the members of the unions. The only reference he had heard on that particular point was in an excellent Paper read by Mr. J. E. Drower some weeks ago before the South-Western Branch of The Institution, in which a rather vague suggestion was made that an agreement with the unions providing for an adequate dilution could be reached in return for a State guarantee of fifteen years' continuous employment. On the other hand, the Government might, and probably would, justly reply that they did not intend to allow the whole of the building in this country to be held up by one section of the community; that they intended to employ unskilled labour in erecting parts of those houses, and to protect that labour from interference by the unions; and that they would take steps to prevent strikes on the part of those skilled workmen who must necessarily be employed in constructing parts of those houses.

It was impossible to imagine any opinion less likely to inspire public confidence in the Weir house than that expressed by the Committee of which Major Barnes was a member. It would certainly be ill advised for them to count on the Weir house affording very much assistance in solving the housing problem. He entirely agreed with Major Barnes, that a great deal of nonsense had been talked about those houses. A great many contributions had been

made to the Press which were anything but helpful. Reference had been made in the Paper to the plays of Bernard Shaw, which led him to remember that in *Major Barbara* one of the characters emphatically expressed the opinion that "There is a good deal of tosh even in the *Times*." It was in view of this somewhat comprehensive reflection that he suggested that delegates should be sent to stump the country and explain the merits and demerits of the Weir house. He was sure that the Committee, of which Major Barnes was a member, which had gone into the merits of new forms of construction, and had investigated the matter so efficiently, had had every possible evidence before them, and were far better able to express an opinion upon the Weir house than any member of the general public. But he personally would have thought that some of those objections which had been dismissed by the Committee—it was true with a certain amount of hesitancy—were real objections. He thought that a timber-framed building, with a space between the inner and outer casing, would in due course become verminous; such houses would be cold in winter and hot in summer; and the cost of painting the outside, which Major Barnes had estimated at a very modest figure, would increase the cost of maintenance to such an extent as to make it necessary that the initial outlay on the Weir houses should be much smaller, as compared with that on a brick house, than the figure which Major Barnes suggested, before the financial aspects of the two kinds of houses could be compared. In fact, judging from the completed houses which he had been able to see, and from the drawings which he had had the opportunity of looking at, he could not see that there was any possible improvement in the Weir house as compared with the timber-framed corrugated-iron-covered building with which they were so familiar. The only advantage which the Weir house possibly possessed was that it had an appearance of permanency, and was not quite so unsightly. But it was a mistake to call these houses "steel "houses"; they were not steel houses.

He heartily agreed with Major Barnes that with regard to new methods of construction "the game was not worth the

"candle." Ample consideration had been given to this question by a committee of experts, and, so far as could be seen, none of these new methods could be recommended. *In situ* concrete, to which the Committee seemed to pin their faith, had been probably in use in the days of the Pharaohs, but the use of this material with hollow walls was a novelty so far as his own personal experience went.

The members of The Institution were much indebted to Major Barnes for the trouble he had taken, and on their behalf he had very much pleasure in formally moving a vote of thanks.

Mr. E. C. P. Monson (Fellow), in seconding the vote of thanks, paid a tribute to his friend and colleague Major Barnes for the amount of work which he must have put into the Paper to have brought it to its state of excellence. He himself had been a member of one or two Committees of research in 1918 and 1919, and had also been on the Light Castings Committee, but, unfortunately, like all the other Committees, it sat for days and weeks and nothing came of it; a long report had been made, which he supposed had been pigeon-holed, if it had not gone into the waste-paper basket, and apparently that was the end of it. He could only describe Major Barnes' Paper as being full of meat. Unless architects were employed, the tide of ugliness in buildings could not be stemmed. He was strongly opposed to any experiments. Living, as he did, in Acton, he had personal knowledge of the heavy burden on the rates caused by the erection of experimental houses there without any valuable result having been obtained. The cost of repairing the experimental houses at Acton had been enormous; the Ministry of Health had refused to sanction any such expenditure, and the whole burden had been cast upon the local authorities, with the result that an extra rate had had to be imposed.

The Moir Committee had done very excellent work, but it seemed to him that they had been unduly influenced by Lord Weir, who could not be spoken of as being aggressive, but who certainly had very strong ideas which he was able

to impress upon others. He did not think concrete block houses were of any use. They had been built at Letchworth where they could be seen to-day. Like the Houses of Parliament they were very friable and the face could be rubbed away. The trouble was due to the concrete not being properly mixed; it was only half wetted, and concrete which was only half wetted would not give good results. As they said in the specifications, it should be turned twice dry and twice wet. Poured concrete might give better results, but the difficulty to be overcome was the expense of the shuttering. The National Housing and Town Planning Council had recently been to Holland to investigate the slab construction of houses, and had reported that those houses were of little use in England. It was necessary to do everything possible to stop that kind of house being built.

He had not seen the Burney house, but he had seen a steel-framed house, as it was called, at the Building Trades Exhibition, and also the steel-framed house in Lower Regent Street. All he could say was that, if they could not do better than that, they had better stop altogether, because those houses were no more than tin cans. Such houses might be all right just when they were new, but, later on, when they began to rust and the wind began to flop them about, there would be a terrible noise inside. It had been said that those houses would last thirty years, but he was sure they would not. Most certainly in thirty years those houses would not earn the same rent as they did to-day; they would be nothing more than slums long before that. The interior was to be made of beaver board. They all knew how long beaver board would last with a working-class population leaning against it and pushing it in. If asbestos sheeting were to be used, it would break if a man lurched against it. The cost of upkeep also would be enormous. Those houses were very pretty on paper, but they would never do in actual practice. He strongly advised those present to have nothing to do with them.

Major R. J. Holliday, President of the Institute of

Builders (Visitor), said that he was somewhat alarmed when he was invited to take part in a discussion of this subject, because it was not within his sphere as President of the Institute of Builders to discuss the political problems of the industry such as might arise out of a Paper upon "New "Methods of House Construction." He had no authority or desire to represent the accepted views of the industry upon what seemed, from the Press, to be in some quarters highly controversial matters, and it was only as a private citizen with a love for good craftsmanship and an appreciation of the fitness of things that he could take part in the discussion.

It was therefore a great pleasure for him to find himself in a position generally to applaud Major Barnes for the delightful Paper he had prepared upon the subject, and to congratulate him upon his success in dealing with the matter from a point of view which lifted the whole subject above and beyond the outlook of the industrial politician. Major Barnes had disclosed a catholic and discriminating taste in literature which must be the delight of his friends as it must be the envy of his hearers. His researches into the Scriptures, which one associated with that earnest race across the border, indicated the taste of a Sir James Fraser for the folk-lore of the Old Testament, a thoroughly well-spent youth, and early study of the great masters of their craft. If Major Barnes' evidence were ever taken before the industrial courts, one would desire to be present to see the consternation of the court upon hearing his recommendations upon wood coverings, supported by Noah, or upon questions of design, construction, labour and material, supply and organisation, supported by David and Solomon.

Major Barnes had discouraged them from challenging his authority for stating there was nothing new under the sun. Most things, indeed, seemed to travel in a circle, and from the cave-dwellers of ancient times, who shared their dwellings winter and summer turn and turn about with the wolves, they had now travelled round to the point where bedrooms, if not houses, were occupied by two shifts turn and turn about night and day, and also to isolated instances

of cave-dwelling—if the illustrated papers were to be believed. His views, of course, as a private citizen must be comforted by the satisfaction which, by virtue of his industrial position, he drew from Major Barnes' conclusions that the traditional materials of the building industry were the best for their purpose so far as this country was concerned. It was equally obvious that the employment of materials which had been tried and tested for many centuries was not an ignorant or unscientific use, but was a use based upon accumulated experience which now amounted almost to inherent knowledge, if not to scientific knowledge. Major Barnes' Paper, which was entitled "New Methods," dealt more particularly with the employment of what were supposed to be new materials in house construction. As there had been concurrently with our industrial development a development in the method and extensiveness of building operations, there would be a greater divergence of opinion and more room for discussion upon such subjects as the mass production of raw and manufactured materials, the organisation of building operations, and upon what might conveniently be termed building construction methods and practice. Major Barnes had done a considerable service to the community in the preparation of the Paper, bringing out, as he had, the fundamental requirements of building in this country, the valuable contribution to research work which the Research Board had made in their difficulties, in noting the apparent reluctance on the part of the community to depart from traditional materials, and the most useful purpose which departures from their use had served, namely, that of the reintroduction of traditional materials at an economic cost. In his analysis of their requirements as to materials and buildings—that they should be durable, keep the weather out and the warmth in, be vermin-proof, inoffensive to the eye, and an added beauty to the landscape—Major Barnes had done much to clear the air of controversy in the matter, and to emphasise the point that there was a danger of their seeking second-best roads out of their difficulties.

The only type of house which was to be regarded as a

new type for which Major Barnes seemed to have any use was what was known as the "Weir house," and to this he had given an approval so qualified as to cost of production and materials to be employed as to make it clear that he had no great use for that type of house. It was here, of course, that Major Barnes had touched upon the fringe of what was a serious question in industrial politics, and therefore one into which he did not find himself in a position to follow. Major Barnes had, however, described Lord Weir as the Canning of housing, and it was to be assumed that he referred to Canning's work in the betterment of industrial and commercial methods which he had embarked upon in conjunction with Huskisson. But, unlike Canning, who through Huskisson made the development of trade union power possible, Lord Weir seemed to have aroused a feeling in certain sections of the community that his proposals would deprive trade unions of some of the powers which they possessed. However, it was as a private citizen that one must, in the situation with which the nation was confronted, deal with this question of alternative materials and labour, and as a private citizen one must respect the conclusions of scientists so long as they did not offend the artistic and social senses of the community. It was here that he found himself so heartily in agreement with Major Barnes' conclusions and with the conclusions of the highly qualified Government Committees which had enquired into the subject.

The great difficulty in the way of using new materials was that arising from lack of experience as to their behaviour. That did not, of course, mean that they must never make experiments, but it did certainly mean that the conservative spirit of the whole industry, which was sometimes regarded as the stubbornness of ignorance, was wholly justified, and not to be discouraged by ill-informed, if well-intentioned, attempts to solve difficult problems.

Looking at it from the artistic point of view, to which Major Barnes attached an importance which, it was to be regretted, did not appear to be attached to it by the general community, again he found himself in complete sympathy with the writer of the Paper. It was not sufficient to

provide for the people either factories or houses which were nothing more than weather-proof box shelters, offensive to the eye and to those finer feelings of beauty which it was so important to the nation to preserve if its whole life was not to become ugly. Nevertheless, the unfortunate fact remained that, given a certain population to be maintained in the teeth of foreign competitors with similar or lower standards of life, but with greater economic advantages or with greater powers or willingness to produce, that population must die off, lower its standard of life, or amend its attitude towards work. That was the real crux of the matter.

The relation of industrial advantages to beauty in architecture and craftmanship might be seen in the development of their domestic and public buildings, and more especially in the former, up to the point where their industrial supremacy began to be challenged, and it was owing to the severity of that challenge with which they were now faced, aggravated by post-war troubles, that there was this desperate endeavour to fly to untried medicines for a cure, and to resort to methods which offended their senses of the beautiful and of the fitness of materials for their purpose. While some materials might be acceptable from all points of view, and others merely on utilitarian grounds, they were obviously faced with the danger of employing new materials without test of their complete acceptability. That danger could be obviated only by a development of their organising powers, craftsmanship, and will to work, which would relieve the abnormal economic pressure which was driving them to hasty, if not rash, experiment.

Mr. E. Willis (Fellow) supported the vote of thanks. The two Committees mentioned by Major Barnes had done some useful work, but there was still more to be done. While he fully agreed with Major Barnes in his preference for the old methods of house construction, and had used such old methods in all the houses which he personally had built under housing schemes, yet at the same time there was a possibility, and even a probability, that new methods

might be discovered. Such new methods, in his opinion, were not to be found on the lines of Lord Weir's construction, which was really a corrugated-iron building without the corrugations, but there was room for some improvement in the present corrugated-iron buildings. There might also be a future for the porous concrete.

Some years before he had experimented in the Thames Valley with that type of concrete, extracting all the sand and the finer portions, and then making the remainder into porous concrete blocks, with results which were better than he had expected. By those means he had obtained a very strong concrete with a large number of cavities, which should help to retain heat. If that type of concrete were developed on suitable lines, the outer face, which was subject to the action of weather, could be dealt with by means of the cement gun, while the inner face might be covered similarly by a combination of sawdust and porous plaster, because of the expense and difficulty in obtaining plasterers at the present time.

He thought those present could assist with regard to finding new materials and methods of construction; and on the question of standardisation, there was hope in the work of the British Engineering Standards Committee, which had now taken up the matter of building materials. The Institution should see that one or more of the members of the Committee were members of that body. Some time ago he had investigated a material composed of a mixture of limestone and cement in certain proportions, of which the cost was rather low, and his Member of Parliament had suggested that a pair of experimental houses might be provided, but his proposal had not come to anything yet. On the question of finance, it must be remembered that it was no good making a cheap building if it was going to cost a lot more in maintenance and eventually entail a loss of capital.

The trades unions must be asked to realise the necessity of the apprenticeship system being reinstated. If they, as surveyors, could obtain a regular, even though it was only a small, supply of apprentices in the different crafts, a great deal would be done towards solving the housing diffi-

culty. As a municipal surveyor he had recently had to consider the question of cost in regard to a large amount of painting work. It had been the cheapest type of painting, and was really labourers' work. He had employed a large number of the unemployed at ordinary labourer's wages, but, before they had been working a fortnight, the trade union had managed to get them stopped, and had demanded that painters should be employed at trade union rates, to which demand the Council had decided to accede; but the result had been that a number of those labourers, who had proved themselves to be very efficient, were paid the full trade union rate, and did in some cases more work than union painters, with the result that several of those men had subsequently blossomed into painters, and would now only take painting work through the labour exchanges.

Major Barnes had made a very moderate estimate of the cost of painting the Weir houses; in fact, it was an estimate which, in his opinion, was totally out of the question. He had been asked to advise with regard to the Weir house, and his opinion was that the house would in a few years be protected on the outside by the paint instead of the steel, which would have rusted away. He had recently had a practical illustration of the corrosion of steel in some large flats built twenty years ago, in connection with which steelwork a quarter of an inch thick had entirely disappeared by corrosion.

He also had known of a bridge in London over a railway, the locality of which he could not mention lest he should create fear in the minds of some of the public, of which the web of one of the large girders had entirely disappeared by corrosion.

Mr. H. O. Weller, late of the Building Research Board (Visitor), deprecated the criticism which had been made with regard to the equipment of the Building Research Board. Mr. Neville Chamberlain had found quite a lot of money for the Board, which was now about to be properly housed and staffed.

He had been doing work for Commander Burney during

the last three months, so that perhaps he ought not to say too much about the Burney system, but they might like to know that the tests called for by the Moir Committee were about complete, and the stuff was turning out quite well. It had been a very hard struggle to make that new material comparable with older materials, but he thought it had been done. He agreed that there was nothing so good as the old materials, and he thought there never would be; but a lot of new houses were required, and they could not be obtained by the old methods. The sanction for new materials was the necessity of mass production. The Burney house was not a tin house, it was a real house made of a special concrete; it was quite good and permitted of mass production. It was impossible to make the Government appreciate the necessity for mass production; they might talk in terms of mass production, but they could not think in terms of mass production. The Government really honestly thought that one morning they would wake up and find the housing problem solved.

Every year 125,000 new houses were required, and nothing like that amount was being built. The country was about 1,000,000 houses in arrear. How were those houses to be got? The Burney system could not produce all the houses; two or three mass production systems were probably necessary. The Government could help, but did not help. He sometimes thought that the Government would do better if it abstained from any kind of help or interference. If they were only to leave the problem alone for ten years it might solve itself.

The housing problem was due to two causes—labour troubles and the ring in materials. The Government was not dealing with those two troubles. The labour problem was a big one, but it was not necessarily the biggest. As practical people they all knew the labour problem could not be solved until they got back to something like the piecework system, or petty contracts. The rings had got hold of this country in a dreadful way. A few days before he had had some splendid cement brought to him at a price unusually low, but was told that if the builders bought this

particular cement their supply of bricks would be stopped by the rings. He was in favour of standardisation of building materials, but such standardisation must embrace all materials, and there was a danger of the creation of new vested interests.

Mr. Douglas Wood (Fellow) said that of all building material bricks must obviously be placed first, and the old materials that had been tried through the centuries were no doubt the best that could be found; but, as Mr. Weller had said, there was not enough to go round, and it would be necessary to adopt other methods if they were to get the houses built, assuming that they could find something that was suitable.

The public and the profession owed a great deal to private enterprise in the way of experimenting, mostly at their own expense. Particularly was that so at Acton, which had taught us what to avoid. A great many of those materials had been found to be useless, but that discovery could be made only in the course of time. On the other hand, there were certain methods which had stood the test of time and were proving satisfactory. That could be said of certain forms of concrete construction. He had recently talked to the city engineer at Leeds, where they had put up 800 houses in 1922. Those houses had been occupied twelve months. The city engineer had started with a prejudice against concrete, and for that reason had kept very careful statistics, carefully separating the complaints which came from tenants living in concrete houses from those of tenants living in brick houses. The statistics so obtained of the twelve months showed that there were fewer complaints of any kind from tenants living in concrete houses than from tenants living in brick houses, and the cost of upkeep for that period had been substantially less for the concrete houses than for the brick houses. That experience seemed to show that concrete houses might be of use if the work were properly carried out and properly designed. The danger lay in the fact that so many private houses had been put up by speculative builders in what they were pleased to

call concrete, but which was not, in fact, concrete at all. But where building was being done for a local authority, or on a large contract under proper supervision, satisfactory results could be obtained.

The poured system was undoubtedly the most dangerous system to use if it were not properly supervised. In the block or slab systems one could condemn a block or slab before it was put into a building, or one could have it pulled out; but under the poured system, once the concrete was poured, it was part of the building. It should be borne in mind that Portland cement was discovered only one hundred years ago. If it had been known in the Middle Ages, no doubt the builders of those days would have used it for building cottages, and it would have been used in the right way. Some of the colouring schemes on the old plastered buildings of the Middle Ages were extremely crude when new, but the hand of time dealt gently with those things, and those buildings when looked at to-day were beautiful. Some of the coloured frescoes in Italy when newly painted gave one a shock; the hand of time toned them down. It was not quite a fair comparison when one looked at a new building, before the hand of time had softened the colouring, to say it was hideous. Concrete could be coloured green, brown, yellow, or red, and in different tints, and very good effects could be obtained. He had been that very day at a building scheme in Yorkshire, where there was a great scarcity of bricks, and the builder was using silica bricks. They dared not use those bricks for the outside, because they were produced chiefly from the refuse from the destructor works at Scunthorpe. That was not an economical use of that class of materials; he mentioned that merely to illustrate the difficulties which had to be faced.

On the question of dilution and apprentices, of course more apprentices were needed in the building trade; but it would take time to get the lads to the stage of efficiency of bricklayers, carpenters, and plasterers, and the country could not afford to wait that length of time for houses. Any methods which could be used to accelerate the production of houses should be tried and given a fair chance. He person-

ally was building concrete houses and brick houses on the same site; he was taking on every bricklayer and skilled tradesman that he could get, but he was not going to be held up for want of these people; if they did not come along, he would take the line of least resistance, and build more concrete houses. If he could get the skilled labour, he should build less concrete and more brick houses, because brick was the best material. They must build with brick if possible, but, if they could not obtain it, they must fall back on something else which was reliable and durable. At the same time he hoped concrete would be given a chance to prove its usefulness.

Mr. A. W. Davson (Fellow) said that for some time he had been making investigations into the use of certain alternative building materials under certain conditions, which he had hoped to complete and place the results before the meeting, but since those investigations were not completed, he proposed to speak in general terms.

The principal material to which he referred was of brick-earth, which would come under the category of a brick substitute. He would not mention the name of this substitute lest he should be advertising the manufacture. This substitute had been successfully utilised by his brother, who was a qualified architect, and by himself, and was in use to a considerable extent throughout the country. By its use the employment of skilled bricklayers could be reduced to a minimum, and the plasterer entirely eliminated. The material could be left plain externally or painted. The tiles could be had in various colours, so that there need never be any monotony. Other materials suitable for their respective purposes were available in considerable quantities.

Major Barnes in his Paper seemed studiously to have avoided dealing with the labour problem, although the shortage of labour was the substantial difficulty in the way of house building. There were, in his opinion, in the building trade, as in other industries in every walk of life, various types of employers. They varied from those who thought of service to their clients and employees first and

personal gain last, to those who placed individual gain first and service nowhere. Again there were those who were prepared to take risks and the losses or gains resulting, and there were those who preferred or were compelled to aim at a smaller and more certain livelihood. In the same way there were, in his opinion, three distinct types of employees. Firstly, there was the skilled craftsman, who could always make his money and a bit more, who was, in other words, an unofficial piece-worker. Then, secondly, there was the slower man who was perhaps less ambitious, but a good man, who sought security rather than higher pay; and, thirdly, there was the "work shy." In the building industry proper there was plenty of room for the employer and the operative who liked freedom and were prepared to take a loss or profit by their individual risks. To attempt to make the building industry a great self-governing democracy was quite impossible, because of the existence of those different types of employers and operatives; in the present state of industrial psychology it was impossible, even were it desirable. It was not, however, impossible to form a nucleus organisation for the mass production of houses with the materials that they had, and to give to the slower or less ambitious man the security for which he sought, thereby obtaining the best work from him and the cheapest and best results for the community. Was anyone prepared to say that, with a careful selection and a short period of training, it was not possible to get together an organisation of, say, some 20,000 to 30,000 men who understood the expression "work," and would work to their full capacity during normal hours with the secure knowledge that they had some years of employment before them? It would be objected that everything proved that Governments or large organisations where security was assured were wasteful. This he was readily prepared to admit, but the fault lay in selection. In large organisations selection was often by patronage without relation to efficiency; in Government organisation it was by examination with little regard for psychology.

Again it would be objected that, as far as building was concerned, the Guild of Builders had tried such an organisa-

tion and had failed. Nevertheless, for house-building many of the underlying principles of the National Building Guild were sound and inspiring. That organisation had failed, in his opinion, for three reasons: (1) because careful selection had not been the *sine qua non*; (2) because selection of the upper grades by the lower grades could never be sucessfully done until human nature was perfect; and (3) because they had not realised that, in any organisation where security was afforded, there must be a less degree of personal freedom, and discipline must be maintained by some form of corrective control.

The organisation of which he was thinking would eliminate those failings of the Guild principle to a great extent. Such an organisation was suggested, not by way of competition with the building industry, but to supplement it to act as a governor. The enlistment would be voluntary over a term of years. It was proposed as a nucleus, which could very well die away when the necessity for houses was being met, or could be increased in case of need. By those means any question of serious dilution was obviated. Such a scheme, when put forward in detail, would, he hoped, meet with the approval of employers, because control would be exercised by those who were in positions of responsibility over those grades undertaking less responsibility. It should also appeal to the operative, because it satisfied men who looked for security and for many of those things included in the National Building Guild programme as far as housing was concerned.

Finally, it should interest the employer and receive the maximum support of the operative for a further reason: The Building Trade Unions had set their face against piece-work, arguing that it cast a slur on an intelligent man. But that organisation was to be composed of men largely selected because they understood the meaning of the word "work," namely, effort of all kinds, and "labour," that part of work which took place in industry. In such an organisation piece-work would be unnecessary for the many, and for the few who had been wrongly selected, piece-work would, under a proper state of things, be the "penalty"—

the corrective control which would be one of the terms of enlistment in regard to men who would not do their fair share of the work. Surely there could be no better way of eliminating the necessity for piece-work amongst the less ambitious of the community than to show that it was only necessary among the unintelligent and work-shy.

With the materials he had in mind, and by means of this organisation, the problem of housing could, he believed, be settled very rapidly by the co-operation of all grades of the building industry without outside help.

Sir Edwin Savill (President) congratulated Major Barnes upon his Paper. He specially agreed with what had been said as to the ugliness of some buildings; he had seen while travelling about the country the most dreadful atrocities it was possible to imagine, with which the hand of time could do nothing whatever. The greatest pains were taken in preparing the strictest possible by-laws for the benefit of the four or five people who lived inside a house, but they did nothing at all for the thousands of people who had to look at the house from the outside. He thought it was time that the Royal Institute of British Architects and The Institution took up the matter most seriously with the object of providing committees of taste, or whatever they might be called, to prevent these terrible things being put up and ruining the beauty of the country-side.

With regard to new methods of construction, he was not altogether in agreement with all that had been said in the course of the discussion. Although they might not be very successful, they had their uses. Everyone was agreed there was no house as good as a well-built brick house; but brick houses could not be obtained. That was a terrible and disgraceful admission to make, but it was so. There was enough brick-earth to rebuild London, and there were enough unemployed to do the job, but it was impossible to obtain cottages for those who needed them. The new methods were not particularly cheap and were not particularly good, but they did enable houses to be

built quickly. Houses built by those means could be built a little cheaper than the brick houses, and he thought, although he might be quite wrong, they might have the effect of making the bricklayers and the rings build brick houses at a lower price than they were now doing. In his opinion brick dwellings could be built more cheaply than any of the houses erected by those new methods; but if such methods had the effect of stimulating the bricklayers and the rings, and making them do their job properly, then they would have done more good than anyone expected of them.

He understood that bricklayers were still laying no more than 300 or 400 bricks a day. While that state of things continued how could they hope to get houses? This was a subject about which people did not talk sufficiently. People seemed to be afraid of telling the workman he must work. In his opinion the whole of the difficulties of the country to-day were due to the fact that people would not work. If the extraordinary houses built by those methods had the desired effect, then he would be very grateful to those who had thought them out.

The vote of thanks was then put to the meeting and carried.

Major Barnes expressed his gratitude for the vote of thanks and for the very excellent discussion.

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The following written communications have been received:—

Mr. J. A. Gotch (President, Royal Institute of British Architects):

I have read Major Barnes's lively and interesting Paper with great pleasure, and congratulate him on having treated a technical subject in a way at once entertaining and instructive. With his general conclusions I am inclined to agree, namely, that our native materials, with a long record

of use behind them, will not be beaten in the long run by any of their modern competitors, either for comfort or cheapness. The substitutes that have been suggested obtain support mainly on account of two of the present conditions, the difficulty of getting skilled labour for handling the old materials, and the urgent need for haste in providing more houses. When these abnormal conditions cease to operate, there can be little doubt that there will be a reversion to materials that have justified themselves over so many years, and in particular to brick. Has any architect yet had a client who, unhampered by the necessity of saving every penny, or of getting into his new house within a few weeks of its start, has voluntarily elected to have a steel house instead of one of brick or stone ?

There can be no doubt that these suggested substitutes are the product of temporary conditions, and while these conditions exist, we must be content to adopt substitutes. But although I cannot believe that new substitutes will become the normal houses of the future, there is no reason why we should not accept them for our present needs, and Major Barnes's Paper will help us in making a choice among the alternatives offered. Of one thing I am fairly certain, that the tenants of houses constructed of most of these novel materials will be very cautious about buying them ; too little is known of their qualities, and their expectation of life has not been tested. It is quite otherwise with brick houses.

Mr. Percy J. Waldram (Fellow) :

The practical part of Major Barnes' Paper, which follows his historical summary, commences with a stirring appeal for courage and insight in dealing with the difficulties of housing. Certainly these difficulties need both, and in ample measure.

It is useless to shut our eyes to the fact that they arise mainly from the attitude of a great number, probably the great majority, of those engaged in the vast industry of building—masters, merchants, and men alike—who are determined that, in so far as in them lies, nothing shall

stand between them and the maximum profit which can be afforded or extracted from the community at large, hungry for houses, but not yet completely impoverished.

Opinion may differ as to how far Major Barnes acts up to his own excellent text. He has scarcely been sufficiently courageous to specify in much detail all the bold things which he would have us do; and it is doubtful whether, in discussing alternative and new materials, he has shown all that insight which surveyors require. From long habit surveyors almost unconsciously, when considering any question, collect carefully all evidence for and against, and then, weighing both sides, arrive at a computed net balance of value, whether it be expressed in money, labour, utility, desirability, or anything else.

We have but little use for one-sided views, and we are perhaps apt to be suspicious when so charming an advocate as Major Barnes nails down an opinion with an apt and telling phrase. For example, the suggestion that a bricklayer, with any other walling but bricks, will prove as expensive as ever, is expressed in a fashion so arresting and so compelling that one is apt to forget that there may be two sides to the question, and to overlook the fact that the author has adduced no evidence in support of his somewhat sweeping suggestion. A concrete building block is necessarily the equivalent of several bricks, and a bricklayer does not always stop to consider how a trade union limit of 320 bricks in an 8-hour day, or $1\frac{1}{2}$ minute per brick, works out in concrete blocks.

This is a factor of no great value. I would venture to suggest that the spirit of true craftsmanship and pride of achievement is inherent and very powerful in all British workers of all grades and all trades, and that sooner rather than later such silly and ephemeral rules are bound to disappear. Show him that there are reasonable substitutes for walling which will compete with his trade, and the British bricklayer will soon show you how many bricks per hour he can lay, and lay properly, all day and every day.

A more important point is that concrete blocks, being larger units, entail less handling, fewer movements, and less

jointing than bricks; so that, *ceteris paribus*, it must always be possible to build with them more cheaply and more quickly than with brick. As to appearance, rough-cast, preferably in lime, can always be applied, even if it were considered too costly in the first instance. Rough-cast is the traditional weather resistant of this country; dense cement rendering is not. Porosity is necessary to keep out wet; density invites it. Pour an egg-cup full of water on to a kiln-burnt stock brick as full of holes as a sponge,—it runs away over the edge. Pour the same quantity on to a dense Fletton brick, or on to a piece of close-grained hard cement rendering,—it is sucked up into the interior before it can reach the edge. The smaller the interstices the more powerful is the deadly capillary action. If you want a really damp wall, use Fletton bricks or dense concrete without a cavity, and coat it with a cement gun.

In this connection it might perhaps be noted with advantage that a thin coat of tar emulsion applied to a smooth but somewhat cellular road surface, like well-rolled macadam, coats the walls of the interstices, and is claimed not only to resist moisture but, by "surface tension," physically to expel it.

If so, this might be a very useful treatment for concrete walling blocks.

As regards strength, there is an ample margin of safety in concrete blocks, even without considering that domestic floor loads are always grossly exaggerated in our text-books, and that downward wind-pressure from roofs simply does not exist. Only during the war did we learn that it was upwards, not downwards. The pre-Renaissance builders had no text-books, and they builded from experience and tests. We design in accordance with rules, which is a great deal more respectable, but very expensive, very wasteful, and not always safe.

Fired by Major Barnes' clarion call, I venture to exhibit, as the nearest approach to the courage he asks for, the rashness which steps in where others fear to tread, well aware whose prerogative that is.

I suggest that the greater part of the cost, and the

greater part of the time, which we spend in building might be saved if we forgot our text-books and worked on the lines of traditional structural common-sense. At the time of the Renaissance alien Italian methods of building were insisted upon by titled amateurs with whom architecture and building had become a fashionable pastime, and who rendered unfashionable our splendid traditional building—stone in the Cotswolds, timber framing and tile hanging on Sussex clays, chalk *pisé* in Wiltshire, cob in Devon, post foundations for soft soils, light wattle and daub in the Fens: the list is unending. Sooner or later it all had to go in favour of brick walls in the Italian style, concrete foundations in the Italian style, and so on. Text-books innumerable appeared, each one dedicated to some noble patron giving pseudo-scientific rules, not only for architectural details, but for floor joists, roofs, and every conceivable detail. Subsequent generations copied and recopied these rules once they had acquired the sanctity of printers' ink, and they have become sacred. They are nearly all wrong and absurdly extravagant, but they have been incorporated over and over again into compulsory by-laws.

I contend that timber framing and not brick is the traditional method of building over the greater part of this country, and I submit that Major Barnes has shown both wisdom and courage in speaking well of the Weir house, in so far as it is timber. The steel skin is merely unsuitable —that is all. Give the timber framing a skin of creosoted weather boarding or preferably rough-cast, and it will last for a century or two if necessary with a minimum of upkeep. Creosoting costs far less than pointing brick, and lime rough-cast entails no upkeep over long periods. A vast amount of nonsense is talked about fir timber. After seeing the demolition of old fir-framed weather-boarded barns and cottages, all of 3 by 2 or 4 by 2 fir, not oak, which must have been well over 100 years old, I certainly cannot agree with those who sneer at timber as shoddy and perishable.

For a period of some two years I was officially in charge of the maintenance of many thousands of timber-framed

weather-boarded and creosoted bungalow houses built for munition workers, and at the same time of about a thousand or more well-designed brick-built houses in a garden suburb. The comparison was most instructive. During that time every item of maintenance was rigorously overhauled, most closely watched, and periodically analysed and tested. An equal, and an ample, standard of comfort was maintained in both types of dwelling, and during the period the timber houses were all re-creosoted externally, whilst all external painting to the brick houses received two coats. Both types were at the time about seven years old.

In addition, many of the roofs of the timber houses were found to be tarred felt instead of ruberoid, and were relaid, the greater part of the guttering, put up hurriedly during the war with little or no paint, was renewed, and a good deal was done to the roads.

Nothing at all comparable was done to the brick houses. I must not quote official figures, but a saving of many thousands of pounds was effected on an estimated cost of £4 per timber house per annum. The maintenance of the brick houses was approximately double. Prices were very high then.

The timber houses were built on plots 50 feet by 50 feet, on account of fire risk. If the skin of the walls and roof had been fireproof, instead of weather-boarding and ruberoid, a less extravagant spacing should have sufficed. The scantlings were very small, 3 by 1½ being quite a favourable size, and they were designed for mass production, and erection in bolted sections.

I had not a single case of dry-rot, nor trouble from vermin, and I know the houses were healthy and comfortable. In the brick houses built at the same time there was considerable trouble from dry-rot.

From this personal experience I would heartily concur with Major Barnes' recommendation that the Weir house, but with a timber or rough-cast skin, should be ordered in thousands.

The details of the bungalow houses to which I referred were published during the war, and I should be pleased to

give information as to scantlings, &c., to any member interested.

Major Harry Barnes—

I take the opportunity given me of contributing a reply to the discussion. I am particularly struck by the fact that the discussion tended very largely to raise the question of labour organisation in the building industry. I do not regard this as an irrelevance, but, on the contrary, as indicating a sound sense of the real problem out of which the question of new methods has arisen.

On this subject the most recent contribution is that of the Court of Inquiry concerning steel houses, and with great deference I submit that the distinguished men who formed that Committee have come to an unsound conclusion.

It is based on their opinion that the manufacture and assembly of what they described as "house parts" can, in the case of the Weir house, be regarded as being outside the boundaries of the building industry. Their Report is full of such expressions as the "ordinary methods of the "building trade," the "traditional methods of the building "trade," "building trade work," "ordinary house building," the "traditional methods of the building industry," the "building trade proper," the "recognised building in-"dustry," all terms employed to support the contention on which their conclusions most centred.

Plain men will, I think, brush this ingenuous effort to one side. When the Weir house is erected, under what category will it come? Will it be land, building, machinery, or plant? Will it be exempted from rating? Of course it will not. It will be described as a building, occupied as a building, and rated as a building, and any suggestion to the contrary is but sophistry. If it be a building, it comes within the ambit of the building industry, and no amount of dialectics will remove it. The attempt to establish it as a border line case, something outside both the engineering and the building industry, must fail.

The attempt is not assisted by the long argument in the Report on the substitution of "standardisation and mechani-

" cal processes for the individual effort of the skilled crafts-
" man," or by the illustration of the "automatic lathes in the
" engineering trade." The work done by the lathe has not ceased to be engineering work, and the terms in which it is to be used have not been settled by persons outside the engineering industry.

The Committee may have shown grounds why inside the building industry the Weir house presents reasons for determining special rate of pay appropriate to the nature of the work involved; but that is not the point here.

Lord Weir's point is not that; he is not willing to come into the building trade as a building employer, and raise the point of revised rates inside the building industry. He claims that he is not a builder, that he is not building, and that the building industry has no interest in the rates of pay and conditions of labour under which he works.

In my opinion he fails in all these contentions. The Committee's contention is expressed in paragraph 58: "Re-
" gard being had to these departures from traditional building
" trade methods, it appears to us that both rates of pay and
" conditions of labour must be adjusted to the new condi-
" tions by the procedure we have suggested above. The
" position of the workmen employed can, in our opinion, be
" fully safeguarded by their men's trade unions, in consulta-
" tion, in matters to which the interests of the building
" trade proper appear to be affected, with the building trade
" unions."

Let us see where this conclusion leads us. There are those who would be glad to see trade unions altogether disappear. The Court expresses no such view, but in its Report it throws its whole weight against that development in the trade union world which would substitute the individual union for the craft union. It is an old proverb, "Divide and rule," and there are those who see, in the differences and jealousies between the craft unions, material for weakening their collective strength.

It would not be fair to suppose the Committee capable of this course of conduct. It is more likely they failed to consider the effect of their view.

Those who take a large view and a wide view will think it a high price to pay for the Weir house to interfere with the trend of labour organisation that is substituting for a warring mob of small and inefficient craft unions a limited number of organisations which on the labour side are the counterpart of the financial and commercial combinations that are developing on the side of the employers. With regard to other matters, if Mr. Davson will read my pamphlet on "A National Municipal House Building Service," he will see that I, too, have my scheme for labour organisation, and, not unnaturally, prefer it to his. Mr. Douglas Wood gave some very interesting facts regarding concrete houses in Leeds, and I do not want to be taken as failing to recognise so obvious a fact as the great part concrete must take in building. I think its share in small-house building is the least part of its future, and that much has to be done to give it an attractive exterior; but I readily admit that, until we get bricks and bricklayers, concrete houses are infinitely better than none at all. Do, however, let us set to work to get both the bricks and the bricklayers—both can be got.

The figures with regard to the painting of steel houses, to which Mr. Willis took exception as being too moderate, were not my own, but based on opinions given to the Moir Committee. I prefer that they should be regarded as moderate, and not, therefore, open to the charge of prejudice. May Mr. Weller long continue in his useful work; and I shall await, with the greatest interest, the result of his Burney researches.

I enjoyed reading Mr. Waldram's communication on the matter of concrete blocks. I think I will leave him to Mr. Weller. I am entirely in accord with Mr. Waldram on the question of "rough-cast," and very glad to have his support in my view of the "Weir" house. I am certainly a "member interested," and I take this opportunity of asking Mr. Waldram for the particulars of his valuable war experience which he so generously offers.

I conclude with thanks to Mr. Cross, Mr. Monson and Mr. Holliday for their far too kind expressions.

## LAW OF EVIDENCE.

Colonel Bidder has sent the following reply to Captain W. T. Creswell's communication on the above Paper (*Transactions*, May, 1925, page 261) :—

I am much obliged to Captain Creswell for drawing special attention to the possibility of establishing additional terms to written agreements by evidence of custom. It will be found that I have just touched upon the subject in my Paper [*Transactions*, April, 1925, page 237, Section (3)].

I cannot, however, agree with him that an expert witness has any peculiar privileges at all, beyond this—that deductions from facts which he is enabled to make by reason of his special knowledge are accepted as "an element leading "to the decision of the tribunal," *i.e.*, his opinion is "evidence." His right of "refreshing memory" is limited, as is that of any other witness, to referring to notes of facts made at or near the time they were observed : and he may refer the tribunal to standard works upon the special subject dealt with. The quotation of cases or judgments may be part of the argument addressed to the tribunal by a party or his advocate, but cannot be part of the evidence of a witness.

The evidence given by a witness in some previous case cannot in any way be adduced in evidence or taken into consideration. It may, however, be put to the witness in cross-examination to test his credit or competency. If that is done, his answers must be accepted.

# THE ANNUAL GENERAL MEETING,

*Monday, 25th May,* 1925.

Sir EDWIN SAVILL, O.B.E. (President) in the Chair.

The Report of the Scrutineers, appointed at the Ordinary General Meeting of Monday, 4th May, 1925, under Article 49 of the By-laws, was read to the Meeting.

The Report declared that the following were elected a

## COUNCIL FOR THE ENSUING YEAR.

### Fellows.

CHARLES HERBERT BEDELLS
JOHN EVANS BIDWELL
JOHN FRIENDSHIP BOWDEN
FRANK JOHN BROWN
GEORGE TURVILLE BROWN
CHRISTOPHER CHART
HERBERT MANSFIELD COBB, C.B.E.
HERBERT COVINGTON COLE, C.B.E.
EDWARD SAMUEL COX
ARTHUR GEORGE CROSS
CHARLES DICKINSON
CHARLES GERALD EVE
WILLIAM HAROLD EVE
CHARLES BROWNING FISHER, C.B.E.
HARRY FRANKS
WILLIAM FRASER
CHARLES HENRY GOTT
WILLIAM TIMOTHY HALL
FREDERICK HENRY APPLETON HARDCASTLE
HENRY HARTLEY
STANLEY HICKS
FRANK WILLIAM HUNT, C.V.O.
CUTHBERT LAKE
WALTER LAWRANCE
ERNEST HOLTHAM LEEDER
HENRY BURROUGHES NAPIER
REGINALD HENRY POWELL
ERNEST ALFRED RAWLENCE
JAMES AUGUSTINE RUTHERFORD
HENRY EDWARD SHERWIN
CHARLES JOHN HOWELL THOMAS
PERCIVAL FOX TUCKETT
JOHN DAVID WALLIS
DENDY WATNEY
HARRY JOHN CAMPION WINTERTON

### Professional Associates.

ALAN ARNOLD
STANLEY VVYVIAN HICKS
SYDNEY MAGER, C.B.E.
JOHN MAUGHAN

### Associates.

GEORGE MALLOWS FREEMAN, K.C.
SIR HARRY COURTHOPE-MUNROE, K.C.

The Report of the Council on the affairs of The Institution and the Statement of Receipts and Expenditure for the year 1923 were read.

IT WAS RESOLVED—"That the Report of the Council and the Balance Sheet be received and approved, and be printed and circulated with the *Transactions*."

IT WAS RESOLVED—"That the thanks of The Institution be given to Messrs. H. C. NEWMARCH and H. S. LOGSDON for the efficient performance of their duties as Auditors, and that they be requested to continue their services for the coming year."

IT WAS RESOLVED—"That the thanks of The Institution are due and be given to the PRESIDENT, VICE-PRESIDENTS, and the other MEMBERS AND ASSOCIATES of THE COUNCIL, for the able manner in which they have administered the affairs of The Institution."

IT WAS RESOLVED—"That the thanks of The Institution are due and be given to Mr. A. NORMAN GARRARD (the Honorary Secretary), to Mr. ALEXANDER GODDARD (the Secretary), and the other Officers of The Institution, for the able manner in which they have executed their several duties."

IT WAS RESOLVED—"That the thanks of The Institution be given to Messrs. A. W. BAYLIS, B. BRIANT, W. R. DAVIDGE, A. W. DAVSON, R. J. DIBDIN, G. E. DUNNAGE, E. B. GILLETT, H. C. GRAHAM, P. E. JONES, H. W. LANGDON, H. S. LOGSDON, R. B. MANN, H. T. MERRETT, D. A. RAWLENCE, and J. A. ROSEVEAR, for their services as Scrutineers."

The CHAIRMAN presented the following Prizes won by Candidates in the Preliminary and Professional Examinations, 1924:—

## THE "PENFOLD" GOLD MEDAL

for the highest marks (over 75 °/₀ of the maximum) in the Final Examination, to LESLIE WAKEFIELD EVERETT, who obtained 833 marks out of 1,000.

Mr. EVERETT was also the winner of

## THE "WAINWRIGHT" PRIZE,

BEING THE INTEREST ACCRUING ON A SUM OF £500,

awarded to the Candidate in the Final Examination who, having passed the Intermediate Examination in the Non-

Students' Division, is found to have obtained the highest number of marks in the two Examinations combined ;

and also

THE "CRAWTER" PRIZE,

BEING THE INTEREST ACCRUING ON A SUM OF £200,

for the best work in "Principles and Practice of Valuation," in which he obtained 85 % of the maximum marks.

THE "PENFOLD" SILVER MEDAL

for the highest marks (over 75 % of the maximum) in the Students' and Non-Students' Divisions of the Intermediate Examination, to FREDERICK CHARLES BUTTON, who obtained 826 marks out of 1,000.

Mr. BUTTON was also the winner of

THE "DRIVER" PRIZE,

BEING THE INTEREST ACCRUING ON A SUM OF £500,

for the highest marks obtained by a Non-Student Candidate in the Intermediate Examination.

THE "INSTITUTION" PRIZE OF THE VALUE OF £15 15*s.*

awarded to the Candidate at the head of the list in the Students' Division of the Intermediate Examination to NORMAN HORACE WRIGHT, who obtained 802 marks out of 1,000.

THE "BEADEL" PRIZE,

BEING THE INTEREST ACCRUING ON A SUM OF £200,

for the best work in the subject of "Agriculture," to FRANK ROBERT KRUSE, who obtained 91 % of the maximum marks.

THE "SPECIAL" PRIZE OF THE VALUE OF £10 10*s.*

to FRANK EDWARD MOORE and WALTER KENNETH WELTON, with an aggregate of 769 marks out of 1,000.

THE "CONSTRUCTIVE AND WORKING DRAWINGS" PRIZE OF THE VALUE OF £5 5*s.*

to FRANCIS JOHN AMOTT, who obtained full marks in this subject.

THE "QUANTITIES" PRIZE OF THE VALUE OF £5 5*s.*

to JOHN PHILIP DAVIS, who obtained 92 % of the maximum marks.

THE "GALSWORTHY" PRIZE,

BEING THE INTEREST ACCRUING ON A SUM OF £500,

awarded to the Candidate in the Final Examination who, having passed the Intermediate Examination, in the Students Division, is found to have obtained the highest number of marks in the two Examinations combined, to GEOFFREY HERBERT SYKES.

THE "MELLERSH" PRIZE,

BEING THE INTEREST ACCRUING ON A SUM OF £100,

for the best work in "Outdoor Forestry, Timber Valuing "and Measuring," to HENRY IAN REDFERN, who obtained 76 % of the maximum marks.

THE "PRELIMINARY" PRIZE OF THE VALUE OF £2 2*s.*

to ROY FRANEY, who obtained 405 marks out of 500.

### THE BERKS, BUCKS & OXON BRANCH PRIZE

to HENRY PAUL ROSEWARNE, the candidate from within the Branch area who obtained the highest number of marks (over 60 %) in the Intermediate Examination.

### THE YORKSHIRE BRANCH PRIZE

to JOHN JACKSON, the candidate from Yorkshire who obtained the highest number of marks in either the Intermediate or the Final Examination.

### THE SCOTTISH PRIZE

to HAROLD POLLITT, the candidate from Scotland who obtained the highest number of marks in either the Intermediate or Final Examination.

## THE FIFTY-SEVENTH

# ANNUAL REPORT OF THE COUNCIL.

## ANNUAL GENERAL MEETING,

*Monday, 25th May,* 1925.

In point of interest to members, the outstanding event during the fifty-seventh year of The Institution was the presence of His Royal Highness the Prince of Wales at the Annual Dinner on the 17th March. Although His Majesty the King honoured The Institution in 1921 by accepting the office of Patron, and has twice entertained members at Sandringham on the occasion of the Annual Country Meeting, this is the first time on which members have had the pleasure of welcoming a member of the Royal Family at an Institution function. By the courtesy of the Treasurer (Mr. Justice Lawrence), and the Masters of the Bench, the Dinner was held in the great Hall at Lincoln's Inn, and the distinction attaching thereto through the presence of His Royal Highness was enhanced by the beautiful surroundings.

A full acount of the Dinner has already appeared in the April number of the *Journal*, but the Council wish to take this opportunity of recording the indebtedness of The Institution to His Royal Highness for the honour accorded to members by his presence on that occasion, and to the Treasurer and Masters of the Bench of Lincoln's Inn for the loan of their Hall.

### Membership.

Tables A and B give comparative statistics of membership. It will be noted that the professional membership remains steady, but that the total of those connected with The Institution has increased by 162, owing to the large

number of examinees enrolled as probationers. It is from these that the classes of professional members will be recruited in future.

TABLE A.

| | Honorary Members. | Fellows. | Colonial Fellows. | Professional Associates. | Associates. | Probationers. | Students. | Total. |
|---|---|---|---|---|---|---|---|---|
| May, 1924 | 26 | 2568 | 128 | 2667 | 42 | 507 | 243 | 6181 |
| „ 1925 | 26 | 2580 | 131 | 2670 | 41 | 644 | 251 | 6343 |
| | — | +12 | +3 | +3 | −1 | +137 | +8 | +162 |

TABLE B.

| | Members (or "Fellows" after 1881). | Associates. | | Probationers. | Students. | Total. |
|---|---|---|---|---|---|---|
| | | Professional. | Ordinary. | | | |
| May, 1869 | 162 | 38 | | | 2 | 202 |
| „ 1870 | 180 | 59 | | | 2 | 241 |
| „ 1880 | 342 | 155 | | | 10 | 507 |
| „ 1890 | 1095 | 310 | 89 | | 123 | 1617 |
| „ 1900 | 1883 | 757 | 88 | | 336 | 3064 |
| „ 1910 | 1862 | 1970 | 75 | | 365 | 4272 |
| „ 1920 | 2191 | 2510 | 47 | 36 | 132 | 4916 |
| „ 1921 | 2281 | 2553 | 47 | 45 | 205 | 5131 |
| „ 1922 | 2541 | 2683 | 44 | 88 | 237 | 5593 |
| „ 1923 | 2568 | 2688 | 43 | 210 | 242 | 5751 |
| „ 1924 | 2568 | 2667 | 42 | 507 | 243 | 6027 |
| „ 1925 | 2580 | 2670 | 41 | 644 | 251 | 6186 |
| | | | | Honorary Members ... | | 26 |
| | | | | Colonial Fellows ... | | 131 |
| | | | | 1925 Grand Total ... | | 6343 |

In 1883, "Associates" were divided into "Ordinary" and "Professional" Associates.

The Council have to deplore the deaths of many old members during the year. Mr. E. W. Rushworth (1873) had been a member of their body from 1913 to 1922, when he retired on the ground of ill health, to the great regret

of his colleagues; and Mr. R. F. Grantham (1874) had succeeded the late Sir John Wolfe Barry, K.C.B., as Associate Member of Council in 1918, a position which he retained until 1923, when increasing years and the loss of his two sons in the war made it necessary for him to reduce, as far as possible, the calls upon his time. Among others may be mentioned Mr. George North, Worthing (1868); Mr. Erasmus Bond, London (1869); Mr. Louis Hebblethwaite, Hull (1881); Mr. W. R. Waters, Richmond (1882); Mr. H. Le B. Lightfoot, Oxford (1883); Mr. W. de H. Birch, Lancs, (1886); and Mr. Alfred Moore, London (1889). Obituaries of these and other well-known members have appeared in the *Journal* from time to time. The Council are sure that their feelings of regret at the loss sustained by The Institution and of sympathy with relatives will be shared by all members.

### Finance.

The Auditors again report that the financial position of The Institution is sound.

The surplus of income over ordinary running expenses was £290, compared with £740 in 1924, the difference being due to an expenditure of £350 on the redecoration of The Institution premises, and the cost of the Afternoon Reception in May last, which was revived after an interval of ten years. The cost of the *Journal* was £340 more than a year ago owing to an increase in the number both of the members to whom it was issued and the size of the parts; County Branches exceeded their expenditure in 1924 by £150. On the other hand it was not found necessary during the year to issue a special Memorandum on any legislative enactment, such as that on the Rent and Mortgage Interest (Restrictions) Act, 1923, which cost £360.

Following precedent, the receipts from the entrance fees of new members were invested as capital, only to be used from time to time as required for capital commitments. The balance of examination fees over expenses has been

invested on the Scholarship Account, from the income of which the cost of the scholarships will, in due course, be wholly met.

### The Examinations.

Tables C and D show the number of candidates who sat for the examinations and the number who passed.

Eighty-nine candidates came up for re-examination in their Typical Subjects, and of these 65 were successful.

The number of examinees sitting at Glasgow was 35, of whom 22 entered for the Intermediate, 6 for the Final, 1 for the Direct Fellowship, and 6 for the Typical Subjects only. Of these 25 satisfied the examiners, while 4 were referred back in their Typical Subjects.

Fifteen candidates sat at Dublin, 8 for the Intermediate, 2 for the Final, and 5 for the Special Examination for Degree Holders. Of these 4 were successful.

TABLE C.

| Years. | Preliminary Examinations. | | | Professional Examinations. | | |
|---|---|---|---|---|---|---|
| | Candidates. | Passed. | Percentage. | Candidates. | Passed. | Percentage. |
| 1881 | 13 | 6 | 46·15 | 2 | 1 | 50·00 |
| 1890 | 53 | 44 | 83·01 | 96 | 70 | 72·91 |
| 1900 | 131 | 102 | 77·86 | 325 | 193 | 59·38 |
| 1910 | 130 | 95 | 73·08 | 623 | 437 | 70·14 |
| 1911 | 137 | 92 | 67·15 | 768 | 516 | 67·18 |
| 1912 | 121 | 78 | 64·46 | 1,102 | 738 | 68·76 |
| 1913 | 146 | 93 | 63·69 | 1,266 | 724 | 57·19 |
| 1914 | 145 | 100 | 68·96 | 1,095 | 670 | 61·19 |
| 1915 | 84 | 61 | 72·61 | 526 | 290 | 55·13 |
| 1916 | 44 | 32 | 72·72 | 140 | 80 | 57·15 |
| 1917 | 34 | 26 | 76·47 | 73 | 52 | 71·23 |
| 1918 | 32 | 24 | 75·00 | 53 | 40 | 75·47 |
| 1919 | 23 | 19 | 82·60 | 85 | 65 | 76·47 |
| 1920 | 70 | 55 | 78·57 | 487 | 322 | 62·12 |
| 1921 | 75 | 64 | 85·33 | 868 | 544 | 62·67 |
| 1922 | 71 | 59 | 83·09 | 738 | 478 | 64·77 |
| 1923 | 104 | 85 | 81·73 | 683 | 374 | 54·76 |
| 1924 | 103 | 49 | 47·57 | 732 | 396 | 54·10 |
| 1925 | 118 | 72 | 61·01 | 770 | 458 | 59·48 |

TABLE D.

*England and Wales.*

| — | Sub-Division I. Land Agency | | | Sub-Division II. Valuation. | | | Sub-Division III. Building and Quantities. | | | Sub-Division IV. Mining. | | | Percentage of Candidates who Passed. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Examined. | Passed. | Referred Back in Typical Subject. | Examined. | Passed. | Referred Back in Typical Subject. | Examined. | Passed. | Referred Back in Typical Subject. | Examined. | Passed. | Referred Back in Typical Subject. | |
| Intermediate Examination, Students | 16 | 11 | — | 53 | 37 | 6 | 39 | 17 | 10 | — | — | — | 60·18 |
| Intermediate Examination, Non-Students | 42 | 21 | 1 | 109 | 59 | 7 | 96 | 52 | 9 | 8 | 5 | 1 | 53·72 |
| Final Examination | 40 | 34 | 1 | 133 | 68 | 35 | 77 | 46 | 7 | 1 | 1 | — | 59·36 |
| Direct Fellowship Examination | 1 | 1 | — | 2 | 2 | — | 4 | 2 | — | 1 | 1 | — | 75·00 |
| Special Examination | 7 | 5 | — | 1 | 1 | — | 1 | 1 | — | — | — | — | 77·77 |
| Totals ... ... | 106 | 72 | 2 | 298 | 167 | 48 | 217 | 118 | 26 | 10 | 7 | 1 | 57·68 |

**The Special Diploma Examinations.**

A sufficient number of candidates having expressed a wish to present themselves for the Special Diploma Examination in Rating, the examination was held in June. Owing to withdrawals, however, only 4 sat; of these 3 were successful and have been awarded Diplomas, viz., Messrs. O. L. Abbott (Manchester), H. Lisney (Dublin), and J. Parker (London).

It has been decided to include Agricultural and Tenant-right Valuations among the subjects in connection with which Special Diplomas may be obtained. The names of 9 candidates having been sent in, the first examination in this subject will be held at the beginning of July. It is hoped that the inclusion of this subject may be appreciated by members practising in rural districts, and that many will avail themselves of the opportunity of obtaining a special qualification in this important branch of country practice.

The next triennial examinations in each of the subjects for which Diplomas may be obtained, Land Surveying, Forestry, Sanitary Science, Rating, and Agricultural Valuations, will be held next year. The Council would urge members more freely to take advantage of these examinations. Apart from the effect which the possession of a Special Diploma may have on their practice, the study of the more advanced stages of a subject as a mental training cannot but prove beneficial professionally over a much wider area than is covered by the particular subject in which the Diploma was taken.

### The Examiners.

There have been several changes among the examiners owing to deaths or retirements. Messrs. C. N. Philpot and A. D. C. Le Sueur take Forestry (Indoor and Outdoor Work) in place of the late Mr. M. C. Duchesne and Mr. Percival T. Maw; Mr. G. C. Vernon-Inkpen, House Drainage, *vice* the late Mr. H. Freyberg; Professor M. J. R. Dunstan, O.B.E., Agricultural Chemistry, *vice* Dr. A. Voelcker; Mr. C. H. Clayton, Land Drainage, *vice* Mr. J. Watson; and Mr. W. T. Creswell, Law of Dilapidations, *vice* Mr. M. Fitzgerald. Of the two new subjects, the Elements of Building Construction (Sub-Division II.) is taken by Mr. F. W. Charity, and the Elements of Economics by Mr. James Steel.

The examiners for the Special Diploma in Agricultural and Tenant-right Valuations are Messrs. Robert Cobb, C. S. Orwin, Aubrey Spencer, and W. P. Theakston.

The following is a complete list of the examiners, and the Council desire to acknowledge here the indebtedness of The Institution for the efficient manner in which they carry out their responsible and heavy duties :—

EXAMINERS.

MR. WILLIAM ALLEN.
MR. C. A. BENNETT.
MR. ARTHUR BODY.
MR. G. L. BRIGHTON.
MR. A. B. BROWN.
MR. J. W. WILLIS BUND, C.B.E.
MR. J. BURY.
MR. N. P. CAMPBELL.
MR. J. CARBURY.
MR. H. W. CARLTON.
MR. F. W. CHARITY.
MR. C. CHART.
MR. C. J. H. CLAYTON, M.B.E.
MR. ROBERT COBB.
SIR H. COURTHOPE-MUNROE, K.C.
MR. W. T. CRESWELL.
MR. A. G. CROSS.
MR. J. L. CROUCH.
MR. W. R. DAVIDGE.
MR. DONALD DINWIDDY.
PROFESSOR M. J. R. DUNSTAN, O.B.E.
MR. C. GERALD EVE.
MR. W. H. EVE.
MR. C. A. FENTUM.
MR. WILLIAM FRASER.
MR. GORDON T. FREW.
MR. A. E. GAYER, M.C.
MR. JOHN GILCHRIST.
MR. P. F. GLEED.
LT.-COLONEL J. GRIMWOOD, C.B., D.S.O.
MR. C. O. HANSON.
MR. F. H. A. HARDCASTLE.
MR. E. C. HARRIS.
MR. T. W. A. HAYWARD.
MR. EUSTACE HILLS, K.C.
MR. F. HUDLESTON.
MR. JOHN HUME.
MR. FRANK W. HUNT, C.V.O.
MR. J. JOHNSTONE.
MR. E. M. KONSTAM, K.C., C.B.E.
MR. CUTHBERT LAKE.
MR. A. D. C. LE SUEUR.
MR. JOHN LUKE.
MR. W. MCCRACKEN.
MR. D. M. MACKAY.
MR. R. B. MANN.
MR. R. F. MIDDLETON.
MR. H. P. MONCKTON.
MR. E. C. P. MONSON.
MR. E. J. NALDRETT.
MR. R. M. NICHOL.
MR. T. A. O'DONAHUE.
MR. C. N. PHILPOT.
MR. J. C. PINKERTON.
MR. E. C. PINKS.
MR. W. POWER-STEELE.
MR. H. A. PRITCHARD, M.B.E.
MR. W. G. S. ROLLESTON.
MR. E. H. N. RYDE.
REV. L. D. SAYERS.
MR. E. H. SELBY.
MR. E. J. SILCOCK.
MR. A. E. SMITH.
MR. J. STEEL.
MR. S. L. THACKER.
MR. GILBERT THOMSON.
MR. HENRY VALE.
MR. G. C. VERNON-INKPEN.
MR. H. T. WALES.
MR. E. WALFORD.
MR. W. SELVES WALKER.
MR. ERNEST WATSON.
MR. M. L. WHELDON.
MR. EDWARD WILLIS.
MR. J. WILSON.
MR. LESLIE S. WOOD.
MR. H. G. B. WYATT.

### The College of Estate Management.

The results of The Institution examinations provide satisfactory evidence that the College of Estate Management is doing good work. Out of the 458 candidates who proved successful in the recent professional examinations, 315, including all the prize winners, received their theoretical training through the College. Tuition obtained through such an institution must necessarily be principally theoretical in character, but the reports of the examiners show that there is some failure on the part of candidates to apply the knowledge thus gained to the practical questions which meet them in business.

### The Institution Scholarships.

Sixteen candidates presented themselves at the competition examination carried out in January by the Oxford and Cambridge Schools Examination Board for the four scholarships offered yearly and tenable at any recognised university in a course approved by the Council as appertaining to the surveyors' profession. The following candidates were placed at the head of the list in the order named: Mr. A. A. Fitch (Westminster City School), Mr. W. A. Ebbutt (Magdalen College School, Oxford), Mr. H. E. Desch, son of Mr. E. C. Desch (Fellow) (Lincoln College, Oxford), and Mr. R. Symons (Westminster City School).

The recently established Daniel Watney travelling scholarships for Forestry Study were awarded by the Council to Messrs. E. P. Weller and H. J. Pritchard, who headed the list in that subject in the Final Examination, 1924.

### The Monthly "Journal."

The following Papers have been read and discussed during the session:—

| Date. | Subject of Paper. | Author. |
|---|---|---|
| 1924. | | |
| Nov. 10... | The Opening Address ... | The President. |
| Dec. 8 ... | Agricultural Costing: An Aid to Farm Management | E. P. Weller (Professional Associate). |
| 1925. | | |
| Jan. 12 ... | The Building of the Abbey Church of Westminster | Lawrence E. Tanner, M.A. |
| Feb. 9 ... | Current Compensation Problems :— | |
| | (1) Tube Railways ... | Frank Hunt, C.V.O. (Member of Council). |
| | (2) Arterial Roads and Road Improvements | Sydney A. Smith (Fellow). |
| | (3) Land Returned by Government Departments | C. Gerald Eve (Member of Council). |
| Mar. 9 ... | The Smoke Nuisance in Towns and its Abatement | J. Gordon Elsworthy (Fellow). |
| April 6 ... | The Law of Evidence ... | H. F. Bidder (Associate). |
| May 4 ... | New Methods of House Construction | Major Harry Barnes, V.P.R.I.B.A. (Fellow). |

The number of members attending the Ordinary General Meetings has been fully maintained, while the discussions which have followed the reading of the Papers have added to their value by throwing additional light on the subjects under consideration. Mr. Lawrence Tanner's Paper on "Westminster Abbey," which was illustrated by lantern slides, was a somewhat new departure for these meetings. It aroused a large amount of interest among members, and it is hoped to follow the precedent more frequently in future. The Council are indebted both to those who have given time to the preparation of the Papers, and also to those who have studied them in the *Journal* and come prepared to speak. They would remind Junior Members that questions or observations by them are welcomed at these meetings.

In the *Journal*, apart from news of a purely domestic character, many articles and Papers of wide interest on current subjects have appeared. An endeavour has been made to meet the demands of every branch of the profession, while the section dealing with Government, official, and other publications, and the position of proposed legislation, has enabled members to keep themselves informed of the situation with regard to matters closely affecting the profession.

By arrangement with the Ministry of Health, up-to-date lists showing the stage reached by every town planning scheme throughout the country are published quarterly with the *Journal*. By this means it is hoped that members may more readily keep in touch with proposals affecting estates under their charge than is possible through the agency of Press advertisements.

### The Library.

During the year a number of new books and new editions of works of reference already in the Library have been added to the shelves. The more important purchases are the first nineteen volumes of "The English and Empire Digest," a publication containing a digest of every reported legal case, which should prove invaluable to members for reference purposes; "The Encyclopædia of Forms and Precedents," which has been brought up to date by the purchase of seven supplementary volumes recently issued; and "The Index to the *Times*," completed since the war.

A suggestion book is kept in the Library with the object of enabling the members to place before the Library Committee proposals for the purchase of suitable books; but to meet the needs of members at a distance the dates of meetings of the Library Committee will from time to time be inserted in the *Journal*, so that recommendations may be sent in for consideration by the Committee.

An interesting addition has been made to the portrait gallery of The Institution during the year, portraits of the first Presidents practising respectively in Ireland and

Scotland having been unveiled at the Opening Meeting in November. The portrait of the Right Honourable George F. Stewart, P.C., is by Mr. Leo Whelan, A.R.H.A., Dublin, and that of Mr. J. Inglis Davidson by Mr. David Alison, R.S.A.

### The Forestry Museum.

During the past year the temporary tables have been replaced to a great extent by glass-topped cases made of English oak, and the exhibits can now be kept in far better condition than heretofore. Several new and interesting exhibits have been added. Of these the chief are: A set of large panels in veneer made from home-grown timber, and presented by Messrs. Mallinson & Sons, of Hackney Road, E., and a large collection of various articles manufactured from home-grown timber, these formed part of the timber exhibit at Wembley, and were obtained through the courtesy of Mr. W. Dallimore, of the Royal Botanical Gardens, Kew.

The Curator has taken advantage of opportunities provided by various Government departments to get together a collection illustrating the defects, &c., in home-grown timber which render it at times unacceptable for public work. During the year a considerable number of queries dealing with arboriculture and forestry work have been dealt with.

### The Standing and Special Committees.

The work falling upon the Standing and Special Committees has again proved heavy. There have been 12 meetings of the Council and 93 meetings of Standing or Special Committees. The latter have dealt with a number of Parliamentary Bills, including the London and North Eastern Railway Company Bill, the Rent and Mortgage Interest (Restrictions Continuation) Bill, the Valuation (Metropolis) Bill, and the Rating of Land Values Bill.

In addition to which reports have been addressed to the Ministers concerned on Agricultural Policy; Quinquennial Valuations; the amendment of the arbitration provisions of

the Defence of the Realm (Acquisition of Land) Act, 1916; the amendment of Section 9 of the Housing, &c., Act, 1919; Leasehold Enfranchisement; and to the London County Council on the Zoning of Built-up Areas.

Other matters dealt with include Death Duties on Timber; the amendment of the Model By-laws for the prevention of waste or misuse of water, and for the specifications for standard pipes and fittings, which was exhaustively dealt with by the section representing the holders of the Special Diploma in Sanitary Science.

The scale of professional charges has also been revised, in co-operation with representatives of the Auctioneers and Estate Agents' Institute, and a new scale issued in which those published by the two societies have been brought into greater uniformity.

In view of the various Bills introduced in the House of Commons by Private Members, and touching upon leasehold enfranchisement in some form, the Council's Memorandum on that subject has been circulated to all Members of the House of Commons. It has also been the subject of conferences between the Parliamentary Committee and the representatives of the Property Owners' Association.

### Junior Meetings.

The interest and attendance at the meetings have been maintained, the average attendance being about fifty. The standard of Papers read during the session has been a high one, as has also the discussions which followed them.

The following programme was arranged for the evening meetings :—

| Date. | Subject of Paper. | Author. |
|---|---|---|
| 1924. Nov. 17 ... | Tiling and Tiling Measurement (*President's Prize*) | C. G. Dobson (Professional Associate). |
| Dec. 15 ... | Town Planning in Existing Cities (*Committee Club Prize*) | F. W. Kuphal (Professional Associate). |

| Date. | Subject of Lecture. | Author. |
|---|---|---|
| 1925. | | |
| Jan. 19 ... | Recent Legislation and Other Causes affecting the Housing Shortage | C. Carter (Professional Associate). |
| Feb. 16 ... | The Construction and Maintenance of Roads | E. E. M. Brown (Professional Associate). |
| Mar. 16 ... | Schedule A Assessments Outside the Metropolis | E. Burton (Professional Associate). |
| April 20 | Leasehold Enfranchisement... | W. H. Scanlan (Professional Associate). |
| „ | Some Points Against Leasehold Enfranchisement | C. L. Pendlebury (Professional Associate). |
| June 4 ... | Annual General Meeting. | |

In addition to the evening meetings, an all day-visit to Welwyn Garden City was arranged on 7th May. The Annual Dance was again successfully held at the Wharncliffe Rooms, Great Central Hotel, on 19th February, resulting in a balance profit of £50 9*s.* 10*d.*, which was given to the Benevolent Fund.

Junior Members' meetings have also been held in the Gloucestershire, &c., Lancashire and Cheshire, Yorkshire, Scottish, and South Wales Branches. The Council attach great importance to these organisations as leading the Junior Members to take an interest in the work of The Institution and prepare themselves for administrative positions later in the County Branches or on the Standing Committees at headquarters. They sincerely hope that all Juniors who can do so will take advantage of the opportunities offered by these meetings, and will prepare Papers for reading thereat, and take part in the discussions.

### The County Branches.

The Annual Conference between the Council and the Chairmen and Honorary Secretaries of the County Branches was held on the 9th February, when a valuable discussion took place on a number of matters of domestic interest to

The Institution. A report of the proceedings was published in the March issue of the *Journal*. Members desirous of placing any particular subject on the agenda for discussion at the Conference are requested to communicate with the Honorary Secretaries of their Branches before the end of November.

The division of Ireland under two separate governments administering different statutes has necessitated a change in the organisation of the Irish Branch. A Northern Ireland Committee has been established, which will deal with matters appertaining to that part of the country, though that Committee will act through the executive of the Irish Branch, and not independently.

A revision of the areas of the North-West London and London (South-Western) Branches, agreed upon by the Branches, by which a portion of Kensington originally allocated to the North-West London Branch has been transferred to the London (South-Western) Branch, has been approved by the Council.

During the year the President and Secretary have attended meetings of twenty County Branches, and have greatly appreciated the welcome accorded them. They have been impressed by the excellence, as a rule, of the attendance at these meetings, and the interest shown in the business transacted. The thanks of the Council are due to the Chairmen, Honorary Secretaries and Executive Committees for their services to The Institution in conducting the business of their respective Branches, and for the most useful reports they prepare for the Standing Committees at headquarters on matters submitted to them. In this connection they would, on this occasion, specially refer to the reports received from Branches on the Rent and Mortgage Interest (Restrictions Continuance) Bill.

The Annual Country Meeting, which was held at Brighton in June last, proved most enjoyable, although the number attending left something to be desired. Doubtless this was due to the long period of heavy rain which preceded the meeting. Fortunately for the comfort of those attending, the weather improved just before the opening day,

and the meeting was favoured by the most brilliant sunshine of the whole summer. All who took part acknowledge their indebtedness to the Sussex Branch Reception Committee for the completeness of the arrangements made for their comfort and interest. A full account of the meeting was published in the August number of the *Journal*.

The following table shows the officers and membership of the several Branches up to date :—

| Committee. | Chairman. | Hon. Secretary. | Number of Members. |
|---|---|---|---|
| Bedford, Essex, Hertford, and Middlesex | A. W. Merry | A. J. Merry | 694 |
| Berks, Bucks, and Oxon ... | S. P. Wigley | A. S. Shorney | 148 |
| Cambridge, Huntingdon, Norfolk, and Suffolk | W. P. Theakston, M.B.E. | E. O. Hines | 151 |
| Cumberland and Westmorland | R. S. Woof | T. Brown | 46 |
| Devon and Cornwall ... ... | W. A. Wade-Dalton | J. F. Bowden | 130 |
| Gloucester, Somerset, and North Wlts | A. C. Williams | C. H. Pritchard | 181 |
| Hampshire, Dorset, and South Wilts | G. C. Vernon-Inkpen | A. S. Burnett | 239 |
| Irish Branch ... ... ... | D.N. Brunicardi | B. J. Newcombe | 177 |
| Kent ... ... ... ... | W. R. Elgar | R. Cobb | 247 |
| Lancashire and Cheshire ... | Henry Hartley | A. C. P. Medrington | 467 |
| Leicestershire, Northamptonshire, and Rutland | W. Keay | J. L. Woolley | 80 |
| London (City and Eastern) ... | H. C. Webster | G. L. Vigers | 452 |
| London (North-West) ... | R. B. Mann | H. How | 598 |
| London (South-Western) ... | E. H. N. Ryde | B. Briant | 539 |
| Northumberland and Durham | Maj. J. P. Allen | W. Turpin | 132 |
| Nottingham, Lincoln, and North Derby | W. N. Brackett | A. A. Walton | 120 |
| Salop, Hereford, and Mid-Wales | A. T. Davis | A. M. Hickman | 69 |
| Scottish... ... ... ... | J. Steel | D. M. Mackay | 289 |
| Surrey ... ... ... ... | A. A. Brown | T. Brent | 376 |
| Sussex ... ... ... ... | Gilbert Gardner | R. M. Ogilvie | 189 |
| Wales (North)... ... ... | John Roberts | D. A. Hardcastle | 42 |
| Wales (South) and Monmouthshire | E. U. David | J. O. Watkins | 203 |
| Warwick, Worcester, Stafford, and South Derby | W. Fowler | O. L. Mathews | 303 |
| Yorkshire ... ... ... | G. F. Weatherill | A. W. Johnson | 303 |

### Employment Register.

Since the date of the last Annual Report, 190 names, including 21 renewals, have been entered on the Employment Register. Of these 102 were out of employment, and the remainder desirous of improving their position. Fifty-seven have obtained posts at home and six abroad, while six have started in practice or obtained partnerships. Doubtless others have secured employment outside the agency of the Register.

It is clear that the Register is doing a good work in bringing together those in need of assistants and those requiring employment. The former are specially urged to help their fellow-members by, in the first instance, endeavouring to fill their requirements through the Register.

### Miscellaneous.

Apart from matters referred to under the heading of the "Standing and Special Committees," delegates have been nominated by the Council to represent The Institution on committees or at conferences set up or convened to investigate subjects in which the profession is concerned, *e.g.*, committees to secure greater uniformity in the keeping of estate accounts in conjunction with the Central Landowners' Association and the Land Agents' Society; to consider amendments to the London Building Acts in conjunction with the Royal Institute of British Architects and the London Master Builders' Association; to organise the Forestry Exhibit at the British Empire Exhibition, Wembley; and the standardisation of building materials in conjunction with the British Engineering Standards Association; also to attend conferences with the Law Society on the Rent and Mortgage Interest (Restrictions Continuance) Bill, and the effect of light and air easements on building development in towns; with the Institution of Civil Engineers and other professional societies on the conditions of employment and status of professional civil servants; with the Auctioneers' and Estate Agents' Institute on the requirements of professional etiquette; and with the Association of Teachers in

Technical Education as to the relationship of technical education to other forms of education and to industry.

As indicating the recognition accorded to The Institution in other parts of the Empire, members will be interested to know that the South African Institution of Quantity Surveyors has applied for affiliation with The Institution, and has asked the Council to undertake the examination of candidates desirous of membership of that Society. The Council has approved the application subject to certain conditions which are at present under consideration by the South African Institution.

A newly formed society, which had adopted the title of "The Incorporated Society of Auctioneers, Surveyors, and "Landed Property Agents," applied to the Board of Trade under Section 20 of the Companies (Consolidation) Act, 1908, for a licence for registration as an association without having to add the word "Limited" to their title. The Council felt called upon to oppose the application on the ground that the use of the term "Surveyor" in the title might cause some confusion in the minds of the public between the new society and the chartered body. An agreement was arrived at with the Incorporated Society by which the word "Surveyor" was deleted from the title.

In 1923 the Council contributed towards a memorial to the late M. Phillipe Baucq, surveyor, Brussels, who was shot by the Germans for co-operating with Nurse Edith Cavell in assisting fugitives to escape. The memorial was unveiled in July last, in the presence of representatives of the Belgian Government, Army, and professional bodies. Mr. J. E. Drower, C.B.E., attended on behalf of The Institution, and, on being called upon to speak, gave an address in French which was enthusiastically received.

Of the Government Departmental and other Committees upon which members have been serving, the Rent Tribunal, of which Sir Theodore Chambers, K.B.E., was Chairman, and Sir Edwin Savill and Sir Alfred Gelder, members, reported in July, 1924; the Agricultural Tribunal of Investigation,

of which Mr. C. S. Orwin was agricultural assessor, issued its final report at the same time; and the Departmental Committee on the Rating of Machinery and Plant, on which Messrs. C. Gerald Eve, A. A. Lorimer, and J. Spain served, and before which Mr. Harold Eve gave evidence on behalf of The Institution, reported in February last.

Sir Arthur Simmons, K.B.E., has been appointed an official arbitrator to fill the vacancy caused by the death of Mr. Howard Martin.

Mr. C. S. Orwin and Mr. John Willmot have been appointed by the Minister of Agriculture members of the Agricultural Wages Board under the Act of 1924.

Sir Philip Pilditch and Lieut.-Col. Geo. Courthope, M.C., were elected members of the House of Commons at the recent general election; and Lord Bledisloe, K.B.E. (Honorary Member), has been appointed Parliamentary Secretary to the Ministry of Agriculture and Fisheries under the new Government.

Sir John Oakley has been appointed by the Minister of Agriculture one of the Commissioners to investigate the whole problem of the Ouse drainage.

Mr. James Steel has been appointed a member of the Rent Commission which has been set up to inquire into the situation at Clydebank.

Mr. C. J. Howell Thomas has been appointed Chief Valuer, Valuation Office, on the retirement of Sir Edgar Harper from that position, Mr. Thomas's place as Deputy Chief Valuer being taken by Mr. C. H. Gott.

The following honours have been awarded to members since the publication of the last Report :—

| | |
|---|---|
| Sir Howard Frank, Bart., G.B.E. | C.W. Hayley Mason, O.B.E. |
| Lieut.-Col. Bressey, C.B.E. | Captain B. J. Ryan, M.C., O.B.E. |
| C. L. Fielder, O.B.E. | |
| Captain G. T. McCaw, O.B.E. | W. G. Coles, I.S.O. |

## ADDENDUM.

### Notes from the Reports of the Examiners.

The examiners again comment upon the "text-book" knowledge of many of the candidates, and their failure to apply the theoretical knowledge they have obtained through courses of instruction to the practical questions asked. This is, perhaps, not surprising in the case of candidates taking the examination in the earlier stages of their professional career, but the absolute necessity of grasping the principles upon which their future work will be based must be impressed upon them.

Some candidates, also, still fail to do themselves justice through carelessness in reading the questions; by reason of this they either fail to grasp the particular point which they are required to answer, or they waste time by covering a large amount of unnecessary ground.

*Surveying and Levelling.*—The arrangement of chain triangulation lines needs more careful study. In some cases lines were run through buildings shown on the plan. Traverse surveying needs more attention. The method of correcting errors introduced in areas calculated from measurements taken with an inaccurate chain was not properly understood. Few candidates seemed to be familiar with more than one type of level, or in reducing levels to be able to apply the arithmetical check properly.

*Agriculture.*—Costs of cultivation were disappointing. Few candidates showed good knowledge of the characteristics of our principal breeds of sheep.

*Agricultural Valuations.*—Most marks were lost through uncertainty as to the details of the Agricultural Holdings Act, such as service of necessary notices.

*Agricultural Botany.*—A better grounding in the elements of scientific botany would make the subject of agricultural botany more interesting and more useful.

*Forestry.*—Good on the whole, which makes it surprising that many candidates did badly in the identification of timbers and twigs.

*Valuation Tables.*—There is still a failure to grasp the proper method of valuing reversions after a life interest, and more study of the uses of life tables would be advantageous. The knowledge of the uses of dual rate tables has improved, though some candidates still use them indiscriminately for valuing any short term, even when the term is followed by a reversion in perpetuity at a higher rent.

*Valuation of Mineral Properties.*—Candidates are inclined to ignore the special effect of present-day taxation on the values of terminable annuities, with the consequence that their results are erroneous.

*Constructive and Working Drawings.*—Candidates in both the Intermediate and Final Examinations show on the whole an unsatisfactory knowledge of this subject. The draughtsmanship is poor and, apparently, slow. Those aiming at becoming building surveyors should give far more attention to this side of their work.

*Building Construction* (Intermediate, Sub-Division II.).—This subject was taken for the first time at the recent examination, and it is therefore, perhaps, not altogether surprising if the standard attained was not high. Special attention should be given to simple construction, repairs, and general knowledge, such as the surveyor in general practice, as distinct from the architect, would need in the ordinary routine of his business.

*Quantities*—Reference must again be made to the need for study of the Standard Method of Measurement, on which The Institution examinations in quantities must increasingly be based.

In the Intermediate some candidates omitted to mark through dimensions and abstracts when dealt with, while

others showed lack of recognised method of working up. Omission to cast dimensions marred some papers, resulting in increased length of abstracts and insufficient time to complete the bill.

*Quantities* (*Analysis of Pricing*).—A marked improvement over last year was shown. The question of shrinkage and waste of materials in preparation and mixing was, to some extent, again overlooked by candidates, and the increase in bulk of excavated clay was ignored by all but a few. The methods of building up the prices in detail were not concise, and time was wasted in trying to prove too much.

*Reports.*—Candidates should consider the time at their disposal, sketch out skeleton of their report, and then commence their draft. Many at present seem to proceed without any system, and consequently find themselves unable to finish. In Sub-Division III. some candidates wasted time in attempting to draw on the plan furnished the alterations and improvements they recommended ; their reports suffered in consequence of the time taken up in intricate and absorbing planning when it would have sufficed to describe in general terms, sufficient for a layman to understand, what they proposed.

*Road-making.*—A dependence on theory as distinct from experience is the principal criticism of the work. New methods of construction and current prices, at least approximate, should be studied.

*Imperial Taxation.*—A higher standard than last year was attained, but more attention should be given to the difference between the several schedules under which taxes are charged.

*Building Estates.*—The candidates do not appear to have grasped the importance of providing small sewers on each side of a costly carriage-way to prevent breaking up same to obviate lengthy and expensive house connections, &c.

Road-making costs were in many cases over-estimated. Plots were in many cases burdened with double frontages,

thus involving double paving charges which would considerably reduce the advantages for sale of same.

Many plots were planned otherwise than at right angles to the road frontages, such planning being unnecessary and would certainly spoil the general effect of any future building development.

*Fixtures, Dilapidations, and Easements.*—The least satisfactory subject is "Dilapidations." There is much uncertainty in the minds of the candidates as to liability to repair (1) in the absence of express agreement; (2) as to the decision in the important case of *Calthorpe* v. *McOscar* ([1924], 1 K.B., 716, C.A.). This decision of the Court of Appeal reversed Mr. Justice McCardie's judgment.

*Law of Dilapidations.*—A want of preparation was shown in the construction of covenants to repair and ecclesiastical dilapidations.

*Law of Landlord and Tenant.*—Many candidates failed to realise that the restriction on levying a distress imposed by the Rent Restrictions Acts are limited to properties within those Acts, and do not apply generally.

# LIBRARY.

## DONATIONS OF BOOKS, MAPS, &c.,

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| *Accountant*, Editor of the... | "The Accountant," 1924-1925. |
| *Agricultural Gazette*, Editor of the | "The Agricultural Gazette," 1924-1925. |
| Agriculture, Ministry of ... | "Journal," 1924-1925. |
| | International Institute of Agriculture :— "International Review of the Science and Practice of Agriculture," 1924-1925. |
| American Institute of Mining Engineers | "Mining and Metallurgy," 1924-1925. |
| American Society of Engineers | "Aims and Activity," 1924. |
| *Architect*, Editor of the ... | "The Architect," 1924-1925. |
| Architects' and Surveyors' Assistants' Professional Union | "Journal," 1924-1925. |
| *Architect's Journal*, Editor of the | "The Architect's Journal," 1924-1925. |
| Association of Architects, Surveyors, and Technical Assistants | "The Keystone," 1925. |
| Associazione Nationale Ingegneri Italiani | "Ingegneria," 1924-1925. |
| Auctioneers' and Estate Agents' Institute | "Journal," 1924-1925. |
| Baker, A. G.... ... ... | Baker, A. G. "Elements of Land Surveying in Kenya." |
| Barnes, Major Harry ... | Barnes, Major Harry. "The Architect in Practice." |
| Bates, C. J. ... ... ... | Bates, C. J. "Bamburgh Castle." |
| Bath and West and Southern Counties Society | "Journal," 1924-1925. |
| *Board of Trade Journal*, Editor of the | "The Board of Trade Journal," 1924-1925. |
| Bombay Improvement Trust | "Administration Report for the year ending 31st March, 1924." |

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|---|---|
| Briggs, T. P. ... ... | Briggs, T. P. "Practical Notes on the Measurement of Building Work :— (i.) Drainlayer ; (ii.) Excavator." |
| British Engineering Standards Committee | "Various Standard Specifications." |
| *British Farmer*, Editor of the | "The British Farmer," 1924-1925. |
| *Builder*, Editor of the ... | "The Builder," 1924-1925. |
| *Building News*, Editor of the | "The Building News," 1924-1925. |
| Building Surveyor's and Inspectors' Association | "Transactions and Proceedings." |
| Central and Associated Chambers of Agriculture | "Journal," 1924-1925. |
| Central Association of Agricultural and Tenant-Right Valuers | "Fourteenth Annual Report," 1923-1924. |
| Central Landowners' Association | "Quarterly Journal," 1924-1925. |
| Ceylon :—Director of Public Works | "Administration Reports:—Survey,"1923 |
| *Civil Engineering*, Editor of | "Civil Engineering," 1924-1925. |
| *Concrete*, Editor of ... | "Concrete," 1924-1925. |
| *Contract Journal*, Editor of the | "The Contract Journal," 1924-1925. |
| Corble, A. H. ... ... | Le Clere, S. "Practical Geometry ; or a New and Easy Method of treating that Art." |
| Corporation of Insurance Brokers | "Journal," 1924-1925. |
| Country Gentlemen's Association | "Estate Magazine," 1924-1925. |
| Creswell, W. T. ... ... | Creswell, W. T. "Law of Contracts." |
| | Crew, A., W. T. Creswell, and A. Hunnings. "Rates and Rating," 2nd edition. |
| Crosby, Lockwood & Son ... | Leete, F. A., and G. C. Cheyne. "Regulation of Rivers without Embankments," 1924. |
| Darch, John... ... ... | Malton, Thomas. "A complete treatise on Perspective in Theory and Practice, on the True Principles of Dr. Brook Taylor," 2nd edition, 1778. |
| Davies, B. Price ... ... | "Estimating," 3rd edition, 1924. |
| Dawney, P. W. ... ... | "War Department Schedule of Prices for Works and Repairs to Buildings," 1922. |

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| Dominion Land Surveyors' Association | "Journal," 1924-1925. |
| Empire Forestry Association | "Journal," 1924-1925. |
| *Empire Production and Export*, Editor of the | "Empire Production and Export," 1924-1925. |
| *Engineer*, Editor of the ... | "The Engineer," 1924-1925. |
| *Engineering Review*, Editor of the | "The Engineering Review," 1924-1925. |
| *Estates Gazette*, Editor of the | "The Estates Gazette," 1924-1925. |
| | Maeer. "Law of Dilapidations," 7th edition, 1924. |
| *Farmer and Stock Breeder*, Editor of the | "The Farmer and Stock-Breeder," 1924-1925. |
| Farmers' Club ... ... | "Journal," 1924-1925. |
| *Field*, Editor of the ... | "The Field," 1924-1925. |
| Garden Cities and Town Planning Institute | "Journal," 1924-1925. |
| Geologists' Association ... | "Proceedings," 1924-1925. |
| Highland and Agricultural Society of Scotland | "Transactions," Vol. 36, 1924. |
| Hinckes, H. T. ... ... | Rolfe, H. "The Agricultural Wages (Regulation) Act, 1924." |
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| Institute of Land Surveyors, South Africa | "Survey Journal," 1925. |
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| Institution of Civil Engineers of Ireland | "Transactions," 1924-1925. |
| Institution of Electrical Engineers | "Journal," 1924-1925. |
| Institution of Engineers, Australia | "Report of the World Power Conference." |
| Institution of Mechanical Engineers | "Proceedings," 1924-1925. |
| Institution of Mining Engineers | "Transactions," 1924-1925. |
| Institution of Municipal and County Engineers | "Journal," 1924-1925. |
| Institution of Professional Civil Servants | "State Technology," 1924-1925. |

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| Labour, Ministry of ... | "Labour Gazette," 1924-1925. |
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| | "Highways and By-ways; or Tales of the Roadside." 5 vols. 1825. |
| *Land Agents' Record*, Editor of the | "The Land Agent's Record," 1924-1925. |
| Land Agents' Society ... | "Journal," 1924-1925. |
| *Land and Liberty*, Editor of | "Land and Liberty," 1924-1925." |
| Land Union ... ... | "Journal," 1924-1925. |
| *Law Journal*, Editor of the | "The Law Journal," 1924-1925. |
| Law Society... ... ... | "Gazette," 1924-1925. |
| Liverpool Engineering Society | "Transactions," Vol. XLIV. |
| *Local Government Journal*, Editor of the | "The Local Government Journal," 1924-1925. |
| London and Middlesex Archæological Society | "Transactions." |
| London Society ... ... | "Journal," 1924-1925. |
| | Swinton, Capt. G. S. C. "London: her Traffic, her Improvement; and Charing Cross Bridge." |
| *Machine Woodworker*, Editor of the | "The Machine Woodworker," 1924-1925. |
| Manchester Steam Users' Association | "Memorandum of the Chief Engineer for 1923." |
| Master Builders' Association | "Journal," 1924-1925. |
| Metropolitan Water Board | "21st Annual Report," 1924. |
| | "Appendices to Annual Reports for 1917, 1918, 1919, 1920, and 1921." |
| *Mining World*, Editor of the | "The Mining World," 1924-1925. |
| *Modern Transport*, Editor of | "Modern Transport," 1924-1925. |
| *Municipal Engineering*, Editor of | "Municipal Engineering," 1924-1925. |
| National Farmers' Union ... | "Year-Book for 1925." |
| National Federation of Building Trades Employers | "The National Builder," 1924-1925. |

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| National Fire Brigade Association | "Its Activities, Organisation, and Development." |
| National Research Council | "Organisation and Members." |
| New Zealand Department of Land | "Annual Report for 1924." |
| New Zealand Institute of Surveyors | "Journal," 1924-1925. |
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| Permanent International Association of Road Congresses | "Bulletins," 1924-1925. |
| Property-Owners' Protection Association | "The Property-Owners' Journal," 1924-1925. |
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| Rawlence, E. A. ... ... | Salisbury and Winchester Journal—Complete Farmer's Account Book. |
| Rider (William) & Son ... | Webster's Forester's Pocket Diary. |
| *Roads and Road Construction*, Editor of | "Roads and Road Construction," 1924-1925. |
| Royal Agricultural Society of England | "Journal," Vol. 84, 1923. |
| Royal Dublin Society ... | "Scientific Proceedings," 1924-1925. |
| Royal Engineers' Institute... | "Journal," 1924-1925. |
| Royal English Arboricultural Society | "Quarterly Journal of Forestry," 1924-1925. |
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| Sayle, A. ... ... ... | Sayle, A. "Houses of the Workers," 1923. |
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| South Wales Institute of Engineers | "Proceedings," 1924-1925. |
| South Wales Tenant-Right Valuers' Association | "Rules, Schedules of Compensation, Customs of Country, &c." |

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| Spon, E. & F. N. ... ... | "Architect's and Builder's Pocket Price-Book." |
| *Stone Trades Journal*, Editor of the | "The Stone Trades Journal," 1924-1925. |
| *Surveyor*, Editor of the ... | "The Surveyor," 1924-1925. |
| Sydney, City Surveyor of ... | "Report of the Council of the City of Sydney." |
| Thomas, Illtyd ... ... | Corbett, J. S. "Glamorgan Papers and Notes on the Lordship and its Members." |
| Thompson, A. B. ... ... | Thompson, A. B. "Emergency Water Supplies," 1923. |
| *Timber News*, Editor of ... | "Timber News," 1924-1925. |
| Town Planning Institute ... | "Journal," 1924-1925. |
| Travaux Publics, Ecole Spéciale des | Danger R. "Les Carrières dans la Topographie," 1924. |
| Union Internationale des Villes | "Tablettes Documentaires Municipales," 1924-1925. |
| *Vulcan*, Editor of ... ... | "Vulcan," 1924-1925. |
| *Water*, Editor of ... ... | "Water," 1924-1925. |
| Woodward, William ... | Woodward, William. "The Shortage of Houses," 1924. |

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| ASSETS.—General Account. | £ | s. | d. | £ | s. | d. |
|---|---|---|---|---|---|---|
| Cash at Bankers and in hands of Secretary :— | | | | | | |
| Current Account (including £75 Petty Cash) ... | 641 | 14 | 4 | | | |
| Deposit Account... ... ... ... ... | 5,500 | 0 | 0 | | | |
| | | | | 6,141 | 14 | 4 |
| £5,534 0 4 3½ % Conversion Loan at 78⅝... ... | 4,358 | 0 | 8 | | | |
| 3,399 4 4 New South Wales 3 % Inscribed Stock at 83¾ ... ... ... ... | 2,846 | 16 | 10 | | | |
| 1,811 1 11 New South Wales 4 % Inscribed Stock at 91⅞ ... ... ... ... ... | 1,663 | 18 | 11 | | | |
| 1,240 3 1 Metropolitan Water Board 3 % B Stock at 65⅞ ... ... ... ... | 816 | 19 | 0 | | | |
| 3,314 18 7 India 3 % Stock at 56⅞ ... ... | 1,885 | 7 | 4 | | | |
| | | | | 11,571 | 2 | 9 |
| The Leasehold Premises (999 years from 1893) No. 11, Great George Street, S.W., at cost ... ... | | | | 20,230 | 19 | 8 |
| Furniture ... ... ... ... ... | | | | 1,389 | 9 | 3 |
| *Library, Forestry, and Geological Account.* | | | | | | |
| £3,355 12 8 3½ % Conversion Loan at 78¾... ... | 2,642 | 11 | 2 | | | |
| 401 16 9 West Australian Government 4 % Inscribed Stock at 86 ... ... | 345 | 11 | 7 | | | |
| Library, Forestry, and Geological Collection ... ... | 2,396 | 0 | 0 | | | |
| Cash at Bankers on Current Account ... ... | 480 | 17 | 9 | | | |
| | | | | 5,815 | 0 | 6 |
| *Prize Endowment Account.* | | | | | | |
| £503 1 11 India 3 % Stock at 56⅞ ... ... | 286 | 2 | 9 | | | |
| 173 0 0 London Midland and Scottish Railway 4 % Debenture Stock at 84¼ ... ... | 145 | 10 | 9 | | | |
| 256 0 0 London and North Eastern Railway 4 % Second Guaranteed Stock at 82 ... | 209 | 18 | 5 | | | |
| 609 16 9 3½ % Conversion Loan at 78¾ ... ... | 480 | 4 | 11 | | | |
| 138 9 9 3½ % Conversion Loan at 78¾ ... ... | 109 | 1 | 2 | | | |
| 756 1 0 3½ % Conversion Loan at 78¾ ... ... | 595 | 7 | 9 | | | |
| 690 5 10 2½ % Consolidated Stock at 57⅜ ... | 396 | 1 | 1 | | | |
| 440 10 8 India 3½ % Stock at 66½ ... ... | 292 | 19 | 1 | | | |
| 500 0 0 Courage & Co. 3½ % B Debenture Stock at 61½ ... ... ... | 307 | 10 | 0 | | | |
| | | | | 2,822 | 15 | 11 |
| *Prize Endowment Income Account.* | | | | | | |
| Cash at Bankers on Current Account ... ... | | | | 121 | 4 | 10 |
| *Scholarship Account.* | | | | | | |
| £3,845 3 5 3½ % Conversion Loan at 78¾... ... | 3,028 | 1 | 5 | | | |
| 1,988 1 7 Metropolitan Water Board 3 % B Stock at 65⅞ ... ... ... ... | 1,309 | 13 | 0 | | | |
| 1,813 3 0 Queensland Govt. 4 % Inscribed Stock (1940-50) at 87½ ... ... ... | 1,586 | 10 | 1 | | | |
| 2,324 14 0 New Zealand 4 % Inscribed Stock (1943-63) at 91 ... ... ... | 2,115 | 9 | 7 | | | |
| 1,600 0 0 Canadian Pacific Railway 4 % Debenture Stock at 81½ ... ... ... | 1,304 | 0 | 0 | | | |
| | | | | 9,343 | 14 | 1 |
| *Guarantees to Public Trustee.* | | | | | | |
| Cash at Bankers on Current Account ... ... | | | | 23 | 0 | 9 |
| Amounts due, but not received to date, viz.:— | | | | | | |
| Subscriptions ... ... ... ... ... | 1,531 | 19 | 0 | | | |
| Hire of Rooms ... ... ... ... ... | 97 | 13 | 0 | | | |
| Rent of Offices (Tribunal of Appeal) ... ... | 36 | 10 | 0 | | | |
| Rent of No. 11, Great George Street ... ... | 225 | 0 | 0 | | | |
| | | | | 1,891 | 2 | 0 |
| | | | | £59,350 | 4 | 1 |

31st DECEMBER, 1924. 1924.

| LIABILITIES. | £ | s. | d. | £ | s. | d. |
|---|---|---|---|---|---|---|
| Accumulations Account ... ... ... ... | | | | 39,289 | 11 | 1 |
| Library, Forestry, and Geological Account ... ... | | | | 5,815 | 0 | 6 |
| "Prize Endowment" Capital Account ... ... | | | | 2,822 | 15 | 11 |
| "Prize Endowment" Income Account ... ... | | | | 121 | 4 | 10 |
| Scholarship Account—General ... ... ... | 8,039 | 14 | 1 | | | |
| " " "Penfold" ... ... ... | 1,304 | 0 | 0 | | | |
| | | | | 9,343 | 14 | 1 |
| Public Trustee Guarantees ... ... ... ... | | | | 23 | 0 | 9 |
| Sundry Creditors, Due to ... ... ... ... | | | | 1,934 | 16 | 11 |

We report that with the assistance of the Chartered Accountant we have examined the foregoing Accounts, and have obtained all the information and explanations that we required; and in our opinion such Accounts are correct. The foregoing Balance Sheet is properly drawn up so as to exhibit the true and correct state of The Institution according to the best of our information and the explanations given to us and as shown by the books of The Institution.

H. C. NEWMARCH,
H. STEWART LOGSDON,
*Auditors.*

We have examined the receipts and payments affecting the Accounts for the year ended December, 1924, and find the same in good order and vouched. We have also examined the Deeds and Securities, and certify that they were in possession and safe custody as on the 31st December, 1924.

TANSLEY WITT & Co.
*Chartered Accountants,*
5, Chancery Lane, London, W.C. 2.
*24th April*, 1925.

£59,350 4 1

RECEIPTS. — FOR THE YEAR ENDED

| | | £ s. d. | £ s. d. | £ s. d. |
|---|---|---|---|---|
| 1924. | INCOME ACCOUNT :— | | | |
| Dec. 31st. | To 2,170¾ Fellows' Subscriptions at £4 4*s.* | 9,117 3 0 | | |
| | „ 134 Ditto (Resident in Ireland) at £3 3*s.* | 422 2 0 | | |
| | „ 20 Ditto, half Subscription List at £2 2*s.* ... ... ... | 42 0 0 | | |
| | „ 73½ Ditto, Arrears at £4 4*s.* ... | 307 2 6 | | |
| | „ 15 Ditto, Arrears at £3 3*s.* ... | 47 5 0 | | |
| | „ 31 Ditto, paid in advance for 1925 at £4 4*s.* ... ... ... | 130 4 0 | | |
| | „ 1 Ditto, half Subscription List, in advance for 1925 at £2 2*s.* ... | 2 2 0 | | |
| | „ 2½ Ditto, on reinstatement at £4 4*s.* | 10 10 0 | | |
| | „ 19 Differences of Subscription on Transfer at £2 2*s.* ... ... | 39 18 0 | | |
| | | | 10,118 6 6 | |
| | „ 2,471½ Professional Associates' Subscriptions at £2 2*s.* ... ... | 5,190 3 0 | | |
| | „ 174 Ditto, Arrears at £2 2*s.* ... | 365 8 0 | | |
| | „ 17 Ditto, paid in advance for 1925 at £2 2*s.* ... ... ... | 35 14 0 | | |
| | „ 2 Ditto, half Subscription List at £1 1*s.* | 2 2 0 | | |
| | „ 12 Ditto, on reinstatement at £2 2*s.* | 25 4 0 | | |
| | | | 5,618 11 0 | |
| | „ 206 Students' Subscriptions at £1 1*s.* | 216 6 0 | | |
| | „ 50 Ditto, paid in advance for 1925 at £1 1*s.* ... ... ... | 52 10 0 | | |
| | | | 268 16 0 | |
| | „ 159 Probationers' Subscriptions at £1 1*s.* | 166 19 0 | | |
| | „ 250 Ditto, paid in advance for 1925 at £1 1*s.* ... ... ... | 262 10 0 | | |
| | | | 429 9 0 | |
| | „ Hire of Rooms ... ... ... | | 471 9 0 | |
| | „ Dividends and Interest ... ... | | 533 12 2 | |
| | „ Rent of Leasehold Property, No. 11, Great George Street, S.W. 1 ... ... | 697 10 0 | | |
| | *Less* Ground Rent on the same ... | 255 15 0 | | |
| | | | 441 15 0 | |
| | „ "Standard Methods of Measurements" :— | | | |
| | Share of profit on copies sold ... | 107 15 4 | | |
| | *Less* half-price of copies sold to Members ... ... ... | 37 5 6 | | |
| | | | 70 9 10 | |
| | SCHOLARSHIPS ACCOUNT :— | | | |
| | To Dividends... ... ... ... | | 312 17 7 | |
| | | | | 18,265 6 1 |
| | EXAMINATIONS ACCOUNT :— | | | |
| | To Candidates' Examinations Fees ... | 3,089 2 0 | | |
| | „ Sale of Syllabus ... ... ... | 118 17 7 | | |
| | | | 3,207 19 7 | |
| | *Less* Examination Expenses ... | | 2,076 4 1 | |
| | | | | 1,131 15 6 |
| | CAPITAL ACCOUNT :— | | | |
| | To 7 Fellows' Entrance Fees at £7 7*s.* ... | 51 9 0 | | |
| | „ Fellows' Differences of Entrance Fees | 122 17 0 | | |
| | | | 174 6 0 | |
| | „ 3 Colonial Fellows' Entrance Fees at £5 5*s.* | 15 15 0 | | |
| | „ 128 Professional Associates' Entrance Fees at £4 4*s.* ... ... | 537 12 0 | | |
| | | | 553 7 0 | |
| | | | | 727 13 0 |
| | „ Cash at Bankers on Deposit Account ... | | 5,000 0 0 | |
| 1924. | „ „ Current Account ... | | 204 0 1 | |
| Jan. 1st. | „ Petty Cash in hands of Secretary ... | | 75 0 0 | |
| | | | | 5,279 0 1 |
| | | | | £25,403 14 8 |

| | £ s. d. | £ s. d. | £ s. d. |
|---|---|---|---|
| By *Journal*: Reporting and Publication... | 3,023 12 7 | | |
| *Less* Amount received from Advertisements ... ... | 512 7 6 | | |
| | | 2,511 5 1 | |
| „ Salaries ... ... ... ... | | 3,621 17 3 | |
| „ Wages and Pensions ... ... | | 486 7 0 | |
| „ Postage and Receipt Stamps, General... | 491 17 0 | | |
| „ „ „ „ *Journal* ... | 486 4 7 | | |
| | | 978 1 7 | |
| „ Rates, Taxes, Corporation Duty, and Insurance ... ... ... | 2,465 16 0 | | |
| „ Staff Endowment Insurance ... ... | 248 17 4 | | |
| | | 2,714 13 4 | |
| „ Ground Rent, *less* Tax ... ... | 813 17 6 | | |
| *Less* Rent received from Tribunal of Appeal and Official Arbitrator | 132 10 0 | | |
| | | 681 7 6 | |
| „ Fuel, Light, and Water ... ... | | 412 4 9 | |
| „ Stationery and Account Books ... | | 134 12 11 | |
| „ Repairs ... ... ... ... | | 427 3 4 | |
| „ Printing and Lithography ... ... | | 1,079 11 9 | |
| „ Donations for Professional Objects ... | | 263 11 0 | |
| „ Donation to College of Estate Management ... ... ... ... | | 500 0 0 | |
| „ Parliamentary Papers and Periodicals... | | 84 0 6 | |
| „ London and County Branches and Junior Meetings ... ... ... | | 1,785 3 5 | |
| „ Country Meeting—Brighton ... | | 245 11 9 | |
| „ Law Charges ... ... ... | | 123 18 0 | |
| „ Scholarship Account :— Terms, Fees, &c.... ... ... | | 390 10 2 | |
| „ Housekeeper's Account, Sundries and Deficit on Annual Dinner ... | | 811 1 0 | |
| „ Reception... ... ... ... | | 322 5 7 | |
| „ Registration Bill ... ... ... | | 30 16 10 | |
| „ Staff Superanuation Fund | | 371 10 0 | |
| | | | 17,975 12 9 |
| CAPITAL ACCOUNT :— | | | |
| By Purchase of Furniture ... ... | | 64 10 7 | |
| „ „ Picture ... ... | | 175 0 0 | |
| „ „ „ £1,377 4*s.* 9*d.* 3½ % Conversion Loan ... ... ... | | 1,046 17 0 | |
| | | | 1,286 7 7 |
| „ Petty Cash in hands of Secretary ... | 75 0 0 | | |
| „ Cash at Bankers, Current Account ... | 566 14 4 | | |
| „ „ Deposit Account ... | 5,500 0 0 | | |
| | | 6,141 14 4 | |
| | | | 6,141 14 4 |

£25,403 14 8

"PRIZE ENDOWMENTS"

| 1924. | | £ | s. | d. |
|---|---|---|---|---|
| Dec. 31st. | To Cash transferred to Income Account for Purchase of London and North Eastern Railway 4 % Second Guaranteed Stock ... ... ... ... | | 14 | 9 |
| „ | Balance carried forward to 1925 :— | | | |
| | "Beadel" Prize— | | | |
| | £173 London Midland and Scottish Railway 4 % Debenture Stock at 84⅛ ... ... ... | 145 | 10 | 9 |
| | "Crawter" Bequest— | | | |
| | £256 London and North Eastern Railway 4 % Second Guaranteed Stock at 82 ... ... | 209 | 18 | 5 |
| | "Driver" Bequest— | | | |
| | £440 10*s.* 8*d.* India 3½ % Stock at 66½ ... ... | 292 | 19 | 1 |
| | "Galsworthy" Gift— | | | |
| | £500 Courage & Co. 3½ % B Debenture Stock at 61½ | 307 | 10 | 0 |
| | "Watney" Gift— | | | |
| | £609 16*s.* 9*d.* 3½ % Conversion Loan at 78¾ ... | 480 | 4 | 11 |
| | "Watney" Gold Medal— | | | |
| | £690 5*s.* 10*d.* 2½ % Consolidated Stock at 57⅜ ... | 396 | 1 | 1 |
| | "Mellersh" Bequest— | | | |
| | £138 9*s.* 9*d.* 3½ % Conversion Loan at 78¾ ... | 109 | 1 | 2 |
| | "Penfold" Gift— | | | |
| | £503 1*s.* 11*d.* India 3 % Stock at 56⅞ ... ... | 286 | 2 | 9 |
| | "Wainwright" Bequest— | | | |
| | £756 1*s.* 3½ % Conversion Loan at 78¾ ... ... | 595 | 7 | 9 |
| | | £2,823 | 10 | 8 |

"PRIZE ENDOWMENTS"

| 1924. | | £ | s. | d. | £ | s. | d. |
|---|---|---|---|---|---|---|---|
| Dec. 31st. | To Paid for "Beadel Prize" ... ... | 6 | 1 | 0 | | | |
| „ | Paid for "Crawter Prize" ... ... | 10 | 0 | 2 | | | |
| „ | Paid for "Driver Prize" ... ... | 14 | 14 | 5 | | | |
| „ | Paid for "Galsworthy Prize" ... ... | 21 | 5 | 6 | | | |
| „ | Paid for "Mellersh Prize" ... ... | 4 | 2 | 3 | | | |
| „ | Paid for "Wainwright Prize" ... ... | 24 | 18 | 9 | | | |
| „ | Paid for "Penfold" Medals ... ... | 22 | 15 | 0 | | | |
| | | | | | 103 | 17 | 1 |
| „ | Purchase of— | | | | | | |
| | £690 5*s.* 10*d.* 2½ % Consolidated Stock | | | | 400 | 0 | 0 |
| | £2 London and North Eastern Railway 4 % Second Guaranteed Stock ... | 2 | 1 | 11 | | | |
| | *Less* cash from Capital Account | | 14 | 9 | | | |
| | | | | | 1 | 7 | 2 |
| | £187 17*s.* 3*d.* 3½ % Conversion Loan | | | | 146 | 19 | 11 |
| „ | Balance carried forward to 1925 ... | | | | 121 | 4 | 10 |
| | | | | | £773 | 9 | 0 |

## CAPITAL ACCOUNT.

| 1924. | | £ | s. | d. |
|---|---|---|---|---|
| Jan. 1st. | By Balance brought forward from 1923 (including 14*s.* 9*d.* cash balance) ... ... ... ... ... | 2,200 | 2 | 8 |
| Dec. 31st. | „ Purchase of— | | | |
| | £2 London and North Eastern Railway 4 °/₀ Second Guaranteed Stock ... ... ... ... | 2 | 1 | 11 |
| | £187 17*s.* 3*d.* 3½ °/₀ Conversion Loan ... ... | 146 | 19 | 11 |
| | £690 5*s.* 10*d.* 2½ °/₀ Consolidated Stock ... ... | 400 | 0 | 0 |
| | „ Increase on Annual Revaluation of Investments ... | 74 | 6 | 2 |
| | | £2,823 | 10 | 8 |

## ACCOUNT.

| 1924. | | £ | s. | d. | £ | s. | d. |
|---|---|---|---|---|---|---|---|
| Jan. 1st. | By Balance brought forward from 1923 ... | | | | 245 | 8 | 10 |
| Mar. 12th. | „ Executors of the late Daniel Watney— Bequest for the provision of Gold Medal for Forestry Examinations ... ... | | | | 400 | 0 | 0 |
| Dec. 31st. | „ Dividends for year to date (*less* tax) and Income Tax returned to April, 1924 :— | | | | | | |
| | "Beadel" Bequest ... ... | 6 | 19 | 2 | | | |
| | "Crawter" Bequest ... ... | 10 | 5 | 1 | | | |
| | "Driver" Bequest ... ... | 16 | 5 | 8 | | | |
| | "Galsworthy" Bequest ... ... | 17 | 10 | 0 | | | |
| | "Watney" Gift ... ... ... | 17 | 4 | 8 | | | |
| | "Watney" Gold Medal (*less* stamp duty on deed) ... ... ... | 5 | 13 | 10 | | | |
| | "Mellersh" Bequest ... ... | 4 | 17 | 9 | | | |
| | "Penfold" Gift ... ... | 15 | 1 | 11 | | | |
| | "Wainwright" Bequest ... ... | 26 | 9 | 0 | | | |
| | | | | | 120 | 7 | 1 |
| | „ Excess Expenditure carried to General Prize Account ... | | | | 7 | 13 | 1 |
| | | | | | £773 | 9 | 0 |

| 1924. | £ | s. | d. | £ | s. | d. |
|---|---|---|---|---|---|---|
| Dec. 31st. To Purchase of Books, Maps, &c.:— | | | | | | |
| General Library ... ... ... | 75 | 18 | 0 | | | |
| Loan Library ... ... ... | 40 | 10 | 6 | | | |
| | | | | 116 | 8 | 6 |
| „ Annual Subscriptions:— | | | | | | |
| London Society ... ... ... | 1 | 1 | 0 | | | |
| London Topographical Society ... | 1 | 1 | 0 | | | |
| Agricultural Organisation Society ... | 2 | 2 | 0 | | | |
| | | | | 4 | 4 | 0 |
| „ Honorarium to Forestry Curator ... | 52 | 10 | 0 | | | |
| *Less* amount returned ... ... | 3 | 19 | 6 | | | |
| | | | | 48 | 10 | 6 |
| „ Purchase of Pictures:— | | | | | | |
| Portrait of Mr. Davidson ... ... | 315 | 0 | 0 | | | |
| Portrait of Mr. Stewart ... ... | 114 | 0 | 0 | | | |
| | | | | 429 | 0 | 0 |
| „ Cleaning ... ... ... ... | | | | 13 | 17 | 0 |
| „ Printing and Stationery ... ... | | | | 5 | 14 | 2 |
| „ Binding ... ... ... ... | | | | 28 | 3 | 1 |
| „ Insurance ... ... ... ... | | | | 7 | 9 | 2 |
| „ Grants to County Branch Library ... | | | | 15 | 0 | 0 |
| „ Forestry Museum Catalogue ... ... | | | | 48 | 19 | 0 |
| „ Sundry Disbursements ... ... | | | | 30 | 0 | 6 |
| „ Depreciation... ... ... ... | | | | 184 | 0 | 0 |
| „ Balance carried forward to 1925:— | | | | | | |
| Cash at Bank ... ... ... | 430 | 17 | 9 | | | |
| £3,355 12*s.* 8*d.* 3½ % Conversion Loan at 78¾ ... ... ... | 2,642 | 11 | 2 | | | |
| £401 16*s.* 9*d.* West Australian Government 4 % Stock at 86 ... ... | 345 | 11 | 7 | | | |
| Value of Books, Forestry, and Geological Collection ... ... | 2,396 | 0 | 0 | | | |
| | | | | 5,815 | 0 | 6 |
| | | | | £6,746 | 6 | 5 |

## CAPITAL ACCUMULATIONS

| 1924. | £ | s. | d. |
|---|---|---|---|
| Dec. 31st. To Depreciation of Furniture ... ... ... | 60 | 10 | 6 |
| „ Balance carried forward to 1925 ... ... ... | 39,289 | 11 | 1 |
| | £39,350 | 1 | 7 |

## GEOLOGICAL ACCOUNT.

| 1924. | | £ | s. | d. | £ | s. | d. |
|---|---|---|---|---|---|---|---|
| Jan. 1st. | By Balance brought forward from 1923 ... | | ... | | 6,149 | 16 | 0 |
| Dec. 31st. | „ Increased Values at this date:— | | | | | | |
| | Books purchased ... ... ... | 116 | 8 | 6 | | | |
| | „ presented ... ... ... | 9 | 15 | 6 | | | |
| | | | | | 126 | 4 | 0 |
| | „ Dividends ... ... ... ... ... | | | | 91 | 18 | 5 |
| | „ Donations ... ... ... ... ... | | | | 265 | 13 | 0 |
| | „ Increase on Annual Revaluation of Investments ... | | | | 112 | 15 | 0 |
| | | | | | £6,746 | 6 | 5 |

## ACCOUNT.

| 1924. | | £ | s. | d. |
|---|---|---|---|---|
| Jan. 1st. | By Balance brought forward from 1923 ... ... | 36,458 | 9 | 8 |
| Dec. 31st. | „ Balance brought from Examinations Account ... | 1,131 | 15 | 6 |
| | „ Balance brought from Receipts and Payments (Capital Account) ... ... ... ... | 727 | 13 | 0 |
| | „ Balance brought from Receipts and Payments (Income Account) ... ... ... ... | 289 | 13 | 4 |
| | „ Increase in Value of Outstanding Accounts ... | 86 | 12 | 6 |
| | „ Decrease in Liabilities ... ... ... ... | 106 | 12 | 0 |
| | „ Increase on Annual Revaluation of Investments ,,, | 549 | 5 | 7 |
| | | £39,350 | 1 | 7 |

# The Surveyors' Institution

(Incorporated by Royal Charter),

12, GREAT GEORGE STREET,

*WESTMINSTER, S.W.1.*

PATRON—HIS MAJESTY KING GEORGE V.

## OFFICERS, 1924—25.

## COUNCIL.

### President.

Sir Edwin Savill, O.B.E. (London)

### Vice-Presidents.

John David Wallis (Cheshire)
Dendy Watney (London)
Herbert Mansfield Cobb, C.B.E. (Kent)
Ernest Alfred Rawlence (Wilts)

### Members of Council.

Charles Herbert Bedells (London)
John Evans Bidwell (Cambs)
John Friendship Bowden (Devon)
Frank John Brown (Herts)
George Turville Brown (London)
Christopher Chart (Surrey)
Edward Samuel Cox (Yorks)
Arthur George Cross (London)
Charles Dickinson (Ireland)
Charles Gerald Eve (London)
William Harold Eve (London)
Charles Browning Fisher, C.B.E. (Leicestershire)
Harry Franks (Ireland)
William Fraser (Scotland)
Charles Henry Gott (Yorks)
William Timothy Hall (Salop)
Frederick Henry Appleton Hardcastle (London)
Sir Edgar Josiah Harper (London)
Henry Hartley (Lancs)
Stanley Hicks (London)
Frank William Hunt, C.V.O. (London)
Cuthbert Lake (London)
Walter Lawrance (London)
Ernest Holtham Leeder (Glam.)
Henry Burroughes Napier (Glos.)
Reginald Henry Powell (Sussex)
James Augustine Rutherford (Berks)
Henry Edward Sherwin (London)
Charles John Howell Thomas (London)
Percival Fox Tuckett (London)
Harry John Campion Winterton (Staffs)

### Professional Associates of Council.

Christopher Turtill Fulcher (London)
Stanley Vvyvian Hicks (London)
Sydney Mager, C.B.E. (London)
John Maughan (Yorks)

### Associates of Council.

George Mallows Freeman, K.C.
Sir Harry Courthope-Munroe, K.C.

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Arthur Vernon (Bucks)
Sir Alexander Rose Stenning (London)
Leslie Robert Vigers (London)
W. Edgar Horne (London)
The Hon. Edward Gerald Strutt, C.H. (London and Essex)
John Henry Hanson (Yorks)
The Rt. Hon. George Francis Stewart (Ireland)
Arthur Lyon Ryde (London)
Sir John Hubert Oakley (London)
John Willmot (Warwickshire)
John McClare Clark (Northumberland)
James Inglis Davidson (Scotland)

### Honorary Secretary.

Arthur Norman Garrard.

### Secretary.

Alexander Goddard, C.B.E.

## List of Standing Committees.

AGRICULTURAL.
BUILDING.
COUNCIL SELECTION.
COUNTY BRANCHES AND COUNTRY MEETINGS.
EDUCATION.
ELECTIONS.
FINANCE.
FORESTRY.
GENERAL PURPOSES.
LIBRARY AND SESSIONAL PAPERS.
MINING.
PARLIAMENTARY
PROFESSIONAL PRACTICE.
QUANTITY SURVEYORS.

## Past-Presidents.

1868 *John Clutton.*
1870 *Richard Hall.*
1872 *Edward Norton Clifton.*
1874 *Thomas Huskinson.*
1876 *Edmund James Smith.*
1878 *William Sturge.*
1880 *Edward Ryde.*
1883 *Thomas Smith-Woolley.*
1885 *Edward I'Anson.*
1886 *William James Beadel, M.P.*
1888 *Elias Pitts Squarey.*
1890 *Robert Collier Driver.*
1892 *Charles John Shoppee.*
1894 *Thomas Chatfeild Clarke.*
1895 *Daniel Watney.*
1897 *Christopher Oakley.*
1898 *Robert Vigers.*
1899 *Thomas Miller Rickman.*
1900 *John Shaw.*
1901 *Sir John F. L. Rolleston.*
1902 ARTHUR VERNON.
1903 *Albert Buck.*
1904 *Herbert Thomas Steward.*
1905 *Charles Bidwell.*
1906 *George Langridge.*
1907 *Thomas Taylor Wainwright.*
1908 *Howard Martin.*
1909 SIR ALEXANDER ROSE STENNING.
1910 LESLIE ROBERT VIGERS.
1911 W. EDGAR HORNE, M.P.
1912 HON. EDWARD GERALD STRUTT, C.H.
1913 *W. Edward Woolley.*
1914 *Howard Chatfeild Clarke.*
1915 JOHN HENRY HANSON.
1916 RT. HON. GEORGE FRANCIS STEWART.
1917 ARTHUR LYON RYDE.
1918 SIR JOHN HUBERT OAKLEY.
1919 *Andrew Young.*
1920 JOHN WILLMOT.
1921 *Joseph Henry Sabin.*
1922 JOHN MCCLARE CLARK.
1923 JAMES INGLIS DAVIDSON.

(The names of those deceased are printed in italics.)

## Examiners.

WILLIAM ALLEN
R. I. BARR
C. A. BENNETT
ARTHUR BODY
G. L. BRIGHTON
A. B. BROWN
J. W. WILLIS BUND, C.B.E.
J. BURY
H. W. CARLTON
F. W. CHARITY
C. CHART
C. J. H. CLAYTON
ROBERT COBB
SIR H. COURTHOPE-MUNROE, K.C.
W. T. CRESWELL
A. G. CROSS
J. L. CROUCH
W. R. DAVIDGE
DONALD DINWIDDY
PROF. M. J. R. DUNSTAN, O.B.E.
C. GERALD EVE
W. H. EVE
WILLIAM FRASER
GORDON T. FREW
A. E. GAYER, M.C.
JOHN GILCHRIST
P. F. GLEED
J. GRIMWOOD, LT.-COL., C.B., D.S.O.
C. O. HANSON
F. H. A. HARDCASTLE
E. C. HARRIS
T. W. A. HAYWARD
EUSTACE HILLS, K.C.
F. HUDLESTON
JOHN HUME
FRANK W. HUNT
J. JOHNSTONE
E. M. KONSTAM, K.C., C.B.E.
CUTHBERT LAKE
A. D. C. LE SUEUR
JOHN LUKE
W. MCCRACKEN
R. B. MANN
R. F. MIDDLETON
H. P. MONCKTON
E. C. P. MONSON
J. C. MURRAY
E. J. NALDRETT
R. M. NICHOL
T. A. O'DONAHUE
C. N. PHILPOT
J. C. PINKERTON
E. C. PINKS
H. A. PRITCHARD
A. PURDIE
W. G. S. ROLLESTON
E. H. N. RYDE
E. H. SELBY
E. J. SILCOCK
J. STEEL
S. L. THACKER
GILBERT THOMSON
HENRY VALE
G. C. VERNON-INKPEN
H. T. WALES
E. WALFORD
ALEXANDER WALKER, C.B.E.
W. SELVES WALKER
ERNEST WATSON
M. L. WHELDON
EDWARD WILLIS
J. WILSON
LESLIE S. WOOD
H. G. B. WYATT

# The Surveyors' Institution

(Incorporated by Royal Charter)

Is established—

1. To secure the advancement and facilitate the acquisition of that knowledge which constitutes the profession of a Surveyor, viz.—the art of determining the value of all descriptions of landed, mineral and house property, and of the various interests therein; the practice of managing and developing estates; and the science of admeasuring and delineating the physical features of the earth, and of measuring and estimating artificers' work.
2. To promote the general interests of the profession, and to maintain and extend its usefulness for the public advantage.

The Institution was established in 1868, was incorporated by Royal Charter in 1881, and has a total membership of over 6,100.

The Institution consists of four classes, viz.—Fellows, Professional Associates, Associates, and Honorary Members, with classes of Probationers and Students attached.

A Fellow must be more than thirty years of age, and have qualified for that position by having acquired a practical knowledge of surveying in one or other of its branches as above defined, and have held for at least five years a responsible position in the profession; and must have passed the Examinations called for by the Rules of Examination, or some other Examination in the United Kingdom or the Colonies which the Council may declare to be equivalent thereto.* A Fellow has the right, conferred by the Charter,

* *The Council possess only a very limited dispensing power as regards the Examinations.*

to use the letters F.S.I. after his name. A Fellow has also the right, under By-Laws allowed by H.M. Privy Council, to describe himself as "Chartered Surveyor."

A Professional Associate must be more than twenty-one years of age, a Surveyor by profession, in practice on his own account or employed as an Assistant in a Surveyor's Office, and qualified for the class by having passed the Examinations. A Professional Associate has the right, conferred by the Charter, to use the letters P.A.S.I. after his name. A Professional Associate has also the right, under By-Laws allowed by H.M. Privy Council, to describe himself as "Chartered Surveyor," provided that the fact that he is a Professional Associate is disclosed.

An Associate must be more than twenty-one years of age, not a Surveyor by profession, but his pursuits must be such as to qualify him to unite with Surveyors in the advancement of professional knowledge.

An Honorary Member must be a person who, either by reason of his position or experience, or his eminence in science, may be enabled to render assistance in promoting the objects of the Institution, but who is not engaged in practice as a Surveyor in Great Britain or Ireland. He has the privilege of being present and taking part at all Ordinary General Meetings, and of access to the Library, but no right of voting, discussing, or otherwise interfering in the affairs of the Institution ; nor is he called on to contribute to its funds.

Probationers must be persons whose period of Studentship has elapsed or persons who have passed the Intermediate Examination, or such other examination, if any, as may be accepted by the Council in lieu thereof ; and such persons may continue as Probationers until the end of the calendar year during which they shall have been for five years enrolled in that class or until the end of the third calendar year after th t in which they had passed the Intermediate Examination, w ichever period first terminates.

A Probationer is entitled to the use of the Library and Loan Library, to attend the Meetings, and to receive the Journal.

Students (who must not be under eighteen years of age) qualify as such by passing the Preliminary Examination.

Candidates for Studentship who can produce a Certificate of having passed one of the Examinations mentioned in the Rules, are exempted from this Examination, and may be admitted by the Council on the recommendation (according to a form) of a Member of the Institution. Students are expected to enter for the Professional Examinations under the conditions laid down in the Rules of Examination.

A Student is entitled to the use of the Library and Loan Library, to attend the Meetings, and to receive the Journal. For further privileges as to fees and percentage of marks, see paragraphs 10, 11, 12 and 14 of the Rules of Examination.

Scholarships open to Students and tenable for three years have been instituted at Oxford, Cambridge, and other Universities, of the value of £80 and £50 per annum. Particulars may be obtained from the Secretary of the Institution.

Any person desirous of being admitted into the Institution (excepting to the classes of Probationers and Students) must be proposed and recommended according to a form, in which the full name and qualifications of the candidate must be distinctly specified. This form must be subscribed by him, and signed by at least six Fellows, or four Fellows and two Associates, certifying a practical knowledge of the candidate; or, by four Members of the Council, of whom the President shall be one, after careful enquiry into the antecedents of the applicant.

The proposal so made, being delivered to the Secretary, will be submitted to the Council, who, on approving the qualifications, will nominate the candidate for election by ballot.

The following are the rates of contribution to the funds :—

| | Annual Subscription. | | | Admission Fee. | | |
|---|---|---|---|---|---|---|
| | £ | *s.* | *d.* | £ | *s.* | *d.* |
| *Student* | 1 | 1 | 0 | | — | |
| *Probationer* | 1 | 1 | 0 | | — | |
| *Associate* | 2 | 2 | 0 | 3 | 3 | 0 |
| *Professional Associate* | 2 | 2 | 0 | 4 | 4 | 0 |
| *Colonial Fellow* | 2 | 2 | 0 | 5 | 5 | 0 |
| *Fellow* | 4 | 4 | 0 | 7 | 7 | 0* |

* *Unless he was elected a Professional Associate before the first day of January*, 1921, *in which case the entrance fee as a Fellow shall be* £5 5*s*.

No person can become a Member (other than an Honorary Member) of the Institution, unless and until he pays as his first Subscription to the Institution, in the case of becoming a Fellow of the Institution, the sum of Ten Guineas, in the case of becoming a Colonial Fellow of the Institution, the sum of Seven Guineas, in the case of becoming a Professional Associate of the Institution, the sum of Six Guineas, and in the case of becoming an Associate of the Institution, the sum of Five Guineas.

All Fellows, Professional Associates, and Associates, are required, within twelve months after their election, to deliver to the Council an original Paper on some subject connected with the profession, or to make a donation to the Library or Collection.

The affairs of the Institution are under the management of a Council, which is elected annually, and in future will consist of a President and four Vice-Presidents, together with not more than thirty-five or less than twenty-five Fellows, four Professional Associates and two Associates.

The Session of the Institution commences annually on the second Monday in November, and continues to the end of May. The Ordinary General Meetings are at present held once a month during the Session. At these Meetings original communications are read on professional subjects, and their merits fully and freely discussed. Every Member has the privilege of introducing visitors to these Meetings. Members are entitled to a copy of any printed publication issued by the Institution after their admission.

# THE SURVEYORS' INSTITUTION

(INCORPORATED BY ROYAL CHARTER),

12, GREAT GEORGE STREET, WESTMINSTER, S.W.1.

## IST OF MEMBERS, JANUARY 1ST, 1925.

### Patron:

HIS MAJESTY KING GEORGE V.

### Honorary Members.

| te of ion and Transfer. | HONORARY MEMBERS. | Address. |
|---|---|---|
| Nov. 1904 | ARMSTRONG, THE RT. HON. LORD | Jesmond Dene, Newcastle-on-Tyne. |
| Dec. 1880 Nov. 1910 | BANKES, THE RIGHT HON LORD JUSTICE ELDON .. .. .. | 45, Eaton Square, S.W. |
| Jan. 1895 | BEDFORD, HIS GRACE THE DUKE OF, K.G. .. .. .. .. .. | 15, Belgrave Square, S.W. |
| July 1920 | BLEDISLOE, THE RT. HON. LORD, K.B.E. .. .. .. .. .. .. | Oxford and Cambridge Club, S.W. |
| April, 1910 | CHALMERS, THE RT. HON. LORD, G.C.B. .. .. .. .. .. .. | 3, Cornwall Mansions, Kensington Court, W.8. |
| Nov. 1918 | CLOSE, COLONEL SIR CHARLES, K.B.E., C.B., F.R.S. .. .. .. | Coytbury, St. Giles Hill, Winchester. |
| Nov. 1908 | DEVONSHIRE, HIS GRACE THE DUKE OF, K.G. .. .. .. | 2, Carlton Gardens, S.W.1. |
| Jan 1909 | DIBDIN, SIR LEWIS T., K.C., D.C.L. | Nobles, Dormansland, East Grinstead. |
| June 1917 | DOWNING, STANFORD EDWIN .. | Ecclesiastical Commission, 1, Millbank, Westminster, S.W. |
| Jan. 1924 | DUNSTAN, MALCOLM JAMES ROWLEY, PROFESSOR, M.A., F.R.S.E., F.I.C., O.B.E. .. .. .. .. | Royal Agricultural College, Cirencester. |
| Nov. 1906 | ELLIOTT, SIR THOMAS HENRY, BART., K.C.B. .. .. .. .. | National Club, Queen's Gate, S.W.1. |
| June 1917 | ERNLE, THE RIGHT HON. LORD, M.V.O. .. .. .. .. .. | 3, Cheyne Walk, Chelsea, S.W.1. |
| May 1921 | FIORI, ING FELICI .. .. .. | Ispettore Superiore presso la Direzione Generale della Ferrovie dello Stato, Roma. |
| May 1921 | GREINER, PAUL .. .. .. .. | 131, Champ Elysées, Paris VIII$^{e}$, France. |

| Date of Election and Transfer. | HONORARY MEMBERS. | Address. |
|---|---|---|
| A. Mar. 1882<br>H.M. Nov. 1905 | HAMILTON, HIS HONOUR JUDGE HENRY BEST HANS .. .. | 5, Cranley Gardens, S W.7. |
| Nov. 1901 | HOWE, THE RT. HON. THE EARL, G.C.V.O. .. .. .. .. .. | Curzon House, Curzon Street, W. |
| Jan. 1911 | JOHNSTON, COLONEL SIR DUNCAN, R.E., K.C.M.G., C.B., C.B.E. .. | 8, Lansdowne Crescent, Edinburgh. |
| Mar. 1893 | LINCOLNSHIRE, THE MOST HON. THE MARQUESS OF, K.G., G.C.M.G. | 53, Prince's Gate, S.W. |
| Nov. 1915 | MILNER, THE RIGHT HON. LORD VISCOUNT, G.C.B., G.C.M.G. | 14, Manchester Square, W.1, and Sturry Court, near Canterbury. |
| A. Jan. 1885<br>H.M. Jan. 1914 | PARMOOR OF FRIETH, THE RIGHT HON. LORD, P.C., K.C.V.O., K.C. | 29, Wilton Crescent, S.W.1. |
| Nov. 1916 | REDMAYNE, SIR RICHARD, K.C.B. | Claremont Lodge, Cobham, Surrey. |
| Feb. 1919 | ROSS, THE RIGHT HON. SIR JOHN, BART. .. .. .. .. .. | Oatlands, Stillorgan, Co. Dublin. |
| Nov. 1917 | SALTER, ARTHUR CLAVELL, THE HON. MR. JUSTICE .. .. .. | 2, Mitre Court Buildings, Temple, E.C. |
| May 1921 | SCHWEITZER, CHARLES HENRI .. | 38, Boulevard des Invalides, Paris VIII$^{e}$, France. |
| Nov. 1915 | SELBORNE, THE RIGHT HON. THE EARL OF, K.G., G.C.M.G. .. .. | 49, Mount Street, W. |
| May 1921 | YAMAJI, SHIZUO .. .. .. .. | Finance Dept., Tokyo, Japan. |

Total number of Honorary Members, 26, carried to Summary, p. 237.

# Fellows.

The names of those Fellows who have qualified for the Class by Examination are distinguished thus*
The names of those Fellows who have gained Prizes at the Institution Examinations are distinguished thus§

| | Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|---|
| 4 | Jan. 1884 | ABBOTT, ROBERT THOMAS G. . . | Whitley House, Malton, Yorkshire. |
| 0 | A. Oct. 1904<br>F. Dec. 1919 | *ABBOTT, ALEXANDER HENRY . . | 351, Wimborne Road, Winton, Bournemouth. |
| 9 | A. Nov.1891<br>F. Jan 1895 | *ABRAMS, BENJAMIN PERCY . . | 87, High Road, Kilburn, N.W.6 (Middlesex). |
| 8 | Oct. 1913 | *ABRAMS, JOHN EDWARD . . | Kirkstall, Kingsheath, Birmingham. |
| 7 | Nov. 1918 | *ACTON, WILLIAM BIRCHALL . . | Superintendent of Inland Revenue and Conservancy, Conservancy Office, Kisumu, British East Africa. |
| 7 | A. Oct. 1921<br>F. Nov. 1922 | *ADAM, JAMES . . . . . | 211, Hope Street, Glasgow. |
| 5 | Feb. 1884 | ADAMS, HENRY, M.I.C.E., M.I.M.E. | 60, Queen Victoria Street, E.C. |
| 1 | Jan. 1922 | ADAMS, HENRY ROBERT . . | "Tilford," Heathurst Road, Sanderstead, Surrey. |
| 9 | Oct. 1913 | *ADAMS, THOMAS . . . . . | 130, East 22nd Street, New York City, U.S.A. |
| 2 | A. Oct. 1897<br>F. Nov. 1901 | *ADDIE, JOHN HEATHCOTE, LIEUT.-COL., C.B.E. . . . . | Raven Chambers, Shrewsbury. |
| 2 | A. Oct. 1896<br>F. Oct. 1900 | *ADDISCOTT, HENRY HUGH . . | 32, Craven Street, Charing Cross, W.C. |
| 9 | A. Jan. 1888<br>F. Jan. 1891 | *†ADKIN, BENAIAH WHITLEY . . | 35, Lincoln's Inn Fields, W.C.2. |
| 8 | A. Oct. 1912<br>F. Dec. 1921 | *AITCHISON, JAMES GRAY. . . . | 1732, Shettleston Road, Glasgow. |
| 3 | Sep. 1895 | ALEXANDER, HENRY GEORGE SAMUEL, COLONEL | Carrickmore House, Carrickmore, Co. Tyrone. |
| 5 | A. Oct. 1914<br>F. Oct. 1923 | *ALLEN, AUBREY JAMES . . . . | Half Moon Street, Sherborne, Dorset. |
| 1 | Oct. 1919 | ALLEN, GEORGE . . . . . | Hillsboro', Co. Down. |
| 4 | A. Oct. 1893<br>F. Apr. 1922 | ALLEN, JOHN PARNELL, MAJOR | Victoria Buildings, Grainger Street West, Newcastle-on-Tyne. |
| 1 | A. Oct. 1915<br>F. Feb. 1919 | *‡ALLISON, HERBERT WILLIAM . . | 6, Albion Street, Hull. |
| 5 | Oct. 1917 | ALLOTT, JAMES RAYNEY LEACH | Avenue Villa, Kidsgrove, Staffs. |
| 9 | A. Oct. 1898<br>F. May 1917 | *ALLPRESS, HORACE EDWARD . . | 35, Perrymead Street, Eel Brook Common, S.W. |
| 8 | A. Oct. 1898<br>F. Apr. 1902 | *ALLSEBROOK, ARTHUR, B.SC. (*Edin.*) | Kirkleatham, Malvern, Worcestershire. |
| 7 | A. Oct. 1903<br>F. Oct 1913 | *ALLSOP, BENJAMIN GEORGE KIDSTON . . . . . | 141, Park Road, Regent's Park, N.W. |

† Special Sanitary Science Diploma
‡ Special Forestry Diploma.

| Dip. No. | Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|---|
| 7020 | A. Oct. 1913 F. Dec. 1918 | *ALMOND, WILLIAM JOHN .. | 6, Albion Street, Hull. |
| 7660 | Nov. 1916 | ALTON, HENRY BINDON .. .. | 84, O'Connell Street, Limerick. |
| 2503 | A. Nov. 1892 F. Nov. 1893 | *§AMOS, FRANK .. .. .. .. | 3, The Parade, Canterbury. |
| 9148 | Oct. 1923 | *ANDERSON, DOUGLAS, A.R.I.B.A. | 181, Queen Victoria Street, E.C.4. |
| 7564 | Oct. 1915 | ANDERSON, JOHN .. .. .. | 20, York Place, Edinburgh. |
| 3172 | Oct. 1897 | ANDERSON, ROBERT .. .. .. | Property Agent, 95, Bath Street, Glasgow |
| 597 | A. Jan. 1881 F. Mar. 1884 | ANDERSON, ROBERT .. .. .. | Knowsley, Prescot, Lancs. |
| 1635 | Dec. 1889 | ANDREW, THOMAS HAWKES .. | 6, The Crescent, Mount Radford Exeter. |
| 3342 | A. Oct. 1898 F. Feb. 1900 | *ANGEL, FRANCIS HOUGHTON .. | 7, Wolseley Gardens, Gunnersbury, W (Middlesex). |
| 5589 | Oct. 1909 | ANTHONY, ERNEST JOHN.. .. | 95, Lower Leeson Street, Dublin. |
| 3193 | A. Oct. 1897 F. Dec 1920 | *APPLEBY, FRANK SEFTON .. | 44, Ash Grove, Wavertree, Liverpool |
| 3953 | A. Oct. 1902 F. Sep. 1903 | *APPLEBY, JOHN HENRY JAMES.. | 8, High Street, Fareham, Hants. |
| 4886 | Oct. 1906 | *APPS, BENJAMIN CHARLES.. .. | 1, Bury Street, Guildford. |
| 2649 | A. Oct. 1894 F. Mar. 1896 | *‡§ARIS, JOHN WHITTON, M.A. (*Oxon*) | Lois Weedon, Denbigh Gardens, Richmond, Surrey. |
| 3782 | A. Oct. 1901 F. June 1912 | *ARMSTRONG, ALBERT LESLIE .. | 14, Swaledale Road, Sheffield. |
| 7546 | Feb. 1915 | ARMSTRONG, HENRY .. .. | Collingwood Buildings, Collingwood Street, Newcastle-on-Tyne. |
| 791 | Apr. 1882 | ARMSTRONG, THOMAS JOHN .. | 14, Hawthorn Terrace, Newcastle-on Tyne. |
| 7565 | Oct. 1915 | *ARNALL, GEORGE .. .. .. | 153, St. John's Hill, S.W. |
| 3042 | A. June 1896 F. Nov. 1900 | *ARNO, SAMUEL .. .. .. .. | 42, Carew Road, Eastbourne. |
| 5101 | A. Oct. 1907 F. June 1919 | *ARNOLD, WILLIAM RICHARD .. | 276, Oxford Street, Swansea. |
| 9135 | Oct. 1923 | ARNOT, THOMAS .. .. .. | 10, St. Andrew Square, Edinburgh. |
| 1280 | A. Dec. 1885 F. Jan. 1896 | *§ARNOTT, JOHN .. .. .. .. | Church Street, Woodbridge, Suffolk. |
| 4355 | A. Oct. 1904 F. Apr. 1919 | *ASHBRIDGE, PRENTICE MOORE .. | 7, Leadenhall Street, E.C.3. |
| 7027 | A.Oct. 1913 F. Mar. 1920 | *ASHENDEN, HAROLD CAMPBELL | Ventnor House, London Road, Canterbury. |
| 3075 | A. Oct. 1896 F. Oct. 1898 | *ASHENDEN, LEONARD THOMAS.. | Westgate, Canterbury, Kent. |
| 7644 | Nov. 1916 | ASHWORTH, JOHN .. .. .. | 77, King Street, Manchester. |
| 4894 | A. Oct. 1906 F. Dec. 1911 | *ASKWITH, ARTHUR .. .. .. | 29, Nevilledale, Durham. |
| 5102 | A. Oct. 1907 F. Dec 1919 | *ASPELL, FRED HEWLINGS .. .. | 32, Halford Street, Leicester. |
| 1750 | A. Feb. 1890 F. July 1901 | *†ASSITER, HARRY G. .. .. .. | The Weald House, Harrow Weald Middlesex. |
| 5616 | A. Oct. 1909 F. Apr. 1916 | *ATACK, GEORGE ALBERT SEVERNE | 2, Highgate Avenue, Fulwood, Preston. |
| 3785 | A. Oct. 1901 F. Oct. 1907 | *AUSTIN, FRANK HOLMAN .. .. | 5, Hereford Road, Westbourne Grove W.2. |

‡ Special Forestry Diploma.
† Special Sanitary Science Diploma.

| Dip. No. | Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|---|
| 1408 | A. Dec. 1887 F. Oct. 1891 | *AUSTIN, RICHARD .. .. .. | Bishop's Waltham, Hants. |
| 1878 | A. Nov. 1890 F. May 1903 | *AYLEN, CECIL HUGH .. .. .. | 20, Bucklersbury, E.C.4. |
| 8722 | Jan. 1922 | AYLOTT, JOSEPH .. .. .. | Green Lanes, Goodmayes, Essex. |
| 1913 | Jan. 1891 | AYNSLEY, ROBERT JOHN .. .. | FencerHill,Gosforth,Newcastle-on-Ty |
| 7987 | Oct. 1919 | BABBS, ARTHUR THOMAS .. | The Rhodes Building, St. George Street, Cape Town, S. Africa. |
| 8723 | Jan. 1922 | BABBS, ERNEST RICHARD .. | 10, Old Burlington Street, W.1. |
| 5104 | A. Oct. 1907 F. Apr. 1923 | *†BACON, FRANK .. .. .. | 25, Liverpool Street, E.C. |
| 4598 | Oct. 1905 | BACON, FREDERICK JOSEPH, C.B.E. | 114, Park Hill, Clapham, S.W. |
| 3194 | A. Oct. 1897 F. Nov. 1901 | *BADDELEY, BERNARD BERESFORD | 52, Gracechurch Street, E.C.3. |
| 8724 | Jan. 1922 | BAGNALL, JOSEPH ERNEST .. | Quenn's College, Paradise Stree Birmingham. |
| 8097 | Oct. 1920 | BAILEY, CECIL HENRY .. .. | Princes Chambers, 6, Corporati Street, Birmingham. |
| 8725 | Jan. 1922 | BAILEY, ERNEST BATHO .. | 37, Moorfields, Liverpool. |
| 2566 | A. Oct. 1893 F. Feb. 1896 | *BAILEY, LOUIS HEWITT .. .. | 4, Eaton Road, Ilkley, Yorks. |
| 3786 | A. Oct. 1901 F. Sep. 1906 | *BAILEY, PERCIVAL HENRY ASHBY .. .. .. .. .. | "Glenthorn," Wolstanton, Staffs. |
| 7645 | Nov. 1916 | BAILEY, THOMAS HENRY.. .. | Princes Chambers, 6, Corporati Street, Birmingham. |
| 2747 | Sep. 1895 | BAILLIE, JOHN ROBERT, COL... | 9, Cambridge Terrace, Leeson Par Dublin. |
| 2153 | Nov. 1891 | BAINES, MATTHEW TALBOT, M.A. (*Cantab.*) .. .. .. .. .. | Westbrook Hall, Horsham, Sussex. |
| 4120 | Oct. 1903 | BAINES-HEWITT, FREDERIC THOMAS, MAJOR .. .. | 12, Frith Road, Dover. |
| 4599 | Oct. 1905 | BAKER, ERNEST JOHN.. .. .. | Works Dept, H.M. Dockyard, Devo port. |
| 5620 | A. Oct. 1909 F. Apr. 1921 | *BAKER, HENRY GEORGE, LIC.R.I.B.A. | 21, Grosvenor Road, Aldersho Hants. |
| 8726 | Jan. 1922 | BAKER, SYDNEY CHARLES .. | Lonsdale Chambers, 27, Chance Lane, W.C.2 |
| 7998 | A. Oct. 1919 F. Dec. 1919 | *BALDEN, WILLIAM REGINALD.. | Bywell, Leeds Road, Dewsbur Yorks. |
| 8727 | Jan. 1922 | BALL, ADAM JOHN LOUGH-BOROUGH .. .. .. .. | 6, King's Bench Walk, Temple, E. |
| 8728 | Jan. 1922 | BALL, ADAM KIRK .. .. .. | 7, King's Bench Walk, Temple, E. |
| 8729 | Jan. 1922 | BALL, CHARLES EDWARD .. | 7, King's Bench Walk, Temple, E. |
| 8730 | Jan. 1922 | BALL, CHARLES WILLIAM .. | Whittington Chambers, King's Roa Southsea. |

* Special Sanitary Science Diploma.

| Dip. No. | Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|---|
| 511 | A. Oct. 1912<br>F. Apr. 1924 | *Ball, Ernest Wright, A.M.I.C.E. | 15, Hoghton Street, Southport, Lancs. |
| 899 | A. Oct. 1906<br>F. June 1912 | *Ball, James Robert .. .. .. | L. and N.W. Rly. Estate Department, Euston Station, N.W. |
| 690 | A. Jan. 1890<br>F. Dec. 1891 | *Ball, William Alfred .. .. | Old Bond Street House, 6-8, Old Bond Street, W. |
| 512 | A. Oct. 1912<br>F. Apr. 1921 | *Ballantyne, James Rogerson | 2, Montgomerie Terrace, Mount Florida, Glasgow. |
| 954 | A. Oct. 1902<br>F. Oct. 1909 | *Bamford, Walter Herbert .. | 23, Compayne Gardens, Hampstead, N.W. |
| 879 | A. Nov. 1890<br>F. Nov. 1893 | *Bancroft, Frederick Herbert .. .. .. | 78, King Street, Manchester. |
| 932 | A. Oct. 1895<br>F. Feb. 1901 | *§Banks, Frederick Stuart Angus .. .. .. .. .. | Lloyd's Bank Chambers, Leicester. |
| 093 | Oct. 1907 | Banks, John William .. .. | H.M. Office of Works, King Charles Street, S.W. |
| 623 | A. Oct. 1905<br>F. Nov. 1912 | *Bannister, Montagu Douglas | Market Place, Hayward's Heath, Sussex. |
| 731 | Jan. 1922 | Barber, Harry Percy .. .. | 22, Buckingham Street, Strand, W.C.2. |
| 732 | Jan. 1922 | Bare, Robert George .. .. | Granville House, Arundel Street, Strand, W.C.2. |
| 733 | Jan. 1922 | Bare, Thomas Edwin .. .. | 115, High Holborn, W.C.2. |
| 123 | Oct. 1903 | *Barker, Charles .. .. .. | Estate Office, Bournville, Worcestershire. |
| 035 | A Oct. 1913<br>F. Apr. 1922 | *Barker, Henry Rotherham | 13, Quadrant Road, Thornton Heath, Surrey. |
| 985 | Mar. 1891 | Barker, Horace Richard .. | 13, Lowndes Street, Belgravia, S.W. |
| 680 | A. Nov. 1916<br>F. Apr. 1922 | *Barlass, Thomas .. .. .. | 33, Manchester Road, Fairfield, Manchester. |
| 142 | Oct. 1923 | Barlee, George Hamilton .. | General Valuation Dept., Dublin. |
| 661 | A. Dec. 1889<br>F. June 1891 | *Barnes, George Frederick .. | New Square, Chesterfield, Derbyshire. |
| 129 | Oct. 1911 | *Barnes, Harry .. .. .. | Morden Lodge, Morden, Surrey. |
| 345 | A. Oct. 1898<br>F. Oct. 1899 | *Barns, Stephen Allen, M.B.E. | 51, Brooke Road, Stoke Newington, N.16. |
| 5622 | A. Oct. 1909<br>F. June 1911 | *§Barr, James .. .. .. .. | 221, West George Street, Glasgow. |
| 3129 | A. Oct. 1920<br>F. Apr. 1921 | *Barr, Robert Irwin .. .. | 221, West George Street, Glasgow. |
| 1881 | Oct 1906 | Barrett, James .. .. .. .. | Air Ministry, Kingsway, W.C. |
| 5395 | A. Oct. 1908<br>F. June 1919 | *Barrett, Thomas Norman .. | 28, Brazennose Street, Manchester. |
| 2749 | Sep. 1895 | Barrington, John Beatty .. | Barrington Street, Limerick. |
| 8395 | Oct. 1921 | *Barry, George Smith .. | District Surveyor, 18, Wellington Square, Ayr. |
| 4361 | A. Oct. 1904<br>F. July 1920 | *Bartholomew, Charles Frederick | 52, Wrottesley Road, Plumstead, S.E.18. |

| Dip. No. | Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|---|
| 8130 | A. Oct. 1920<br>F. Apr. 1924 | *Bartlett, Reginald Douglas | Government of Burma, P.W. Dept Buildings and Roads Branch Rangoon. |
| 8378 | Oct. 1921 | Barton, Arthur Pearl .. | 6, Ely Place, Dublin. |
| 2015 | May 1891 | Barton, Harry Howell.. .. | 69, Sandgate Road, Folkestone. |
| 2750 | Sep. 1895 | Barton, Henry Dupre Malkin | The Bush, Antrim, Ireland. |
| 4362 | A. Oct. 1904<br>F. Dec. 1912 | *Barton, Sydney Frederick .. | 22, Finsbury Square, E.C.2. |
| 3642 | A. Oct. 1900<br>F. Nov. 1901 | *Basley, Harold Pullam.. .. | 147, North Street, Brighton. |
| 6480 | Oct. 1912 | *Bate, Ernest Montagu .. .. | The Rowans, Fourth Avenue, Frinton-on-Sea, Essex. |
| 1986 | Mar. 1891 | Batey, Henry Simpson .. .. | 51, South King Street, Manchester. |
| 1918 | Jan. 1891 | Bather, John T... .. .. .. | 9, The Square, Shrewsbury. |
| 2161 | Nov. 1891 | Batstone, Rowland Robert.. | Godliman House, Godliman Street E.C.4. |
| 7041 | A. Oct. 1913<br>F. Oct. 1920 | *Batting, Merlin Francis Joseph .. .. .. .. .. | Meriden, Hamilton Road, Reading. |
| 5109 | A. Oct. 1907<br>F. Apr. 1923 | *Batzer, Albert Edward, A.R.I.B.A. | 8, Hobart Place, Grosvenor Garden S.W. |
| 3346 | A. Oct. 1898<br>F. Nov. 1901 | *Baverstock, Harold Bridge.. | Godalming, Surrey. |
| 4364 | A. Oct. 1904<br>F. Jan. 1908 | *Baxendale, Frederick Giesen | Ministry of Health, S.W.1. |
| 2481 | Feb. 1892 | Baxter, George .. .. .. | 1, Frederick's Place, E.C. |
| 5329 | Feb. 1908 | Baxter, John .. .. .. .. | 243, St. Vincent Street, Glasgow. |
| 4625 | A. Oct. 1905<br>F. Dec. 1924 | *Bayes, John George, Lieut.-Col., O.B.E., M.I.M.E. | Headquarters, Royal Air Force, Uxbridge. |
| 3643 | A. Oct. 1900<br>F. Oct. 1911 | Baylis, Albert Edward .. | H.M. Office of Works, King Charles Street, S.W. |
| 4856 | A. Feb. 1906<br>F. July 1916 | *Baynham, Edmund Christopher | 7, Little College Street, Westminster S.W. |
| 1881 | A. Nov. 1890<br>F. Feb. 1898 | *Beadel, Maurice Frederick.. | 5 & 6, Clement's Inn, Strand, W.C. |
| 6162 | A. Oct. 1911<br>F. Mar. 1920 | *Beal, Joseph Kyle .. .. | c/o District Valuer, 12, St. John Lane, Liverpool. |
| 2163 | Nov. 1891 | Beale, Robert J., A.R.I.B.A. .. | 17, Old Queen Street, Westminster, S.W. |
| 2753 | Sep. 1895 | Beamish, William Henry .. | 60, South Mall, Cork. |
| 5624 | A. Oct. 1909<br>F. July 1921 | *§Bearn, Arthur Frederick .. | 8, Oxford Street, Nottingham. |
| 4109 | A. Feb. 1903<br>F. Jan. 1910 | *Beasley, Thomas Calvert Platt .. .. .. .. .. | Harston, Grantham, Lincolnshire. |
| 5873 | A. Oct. 1910<br>F. Jan. 1917 | *Beaumont, Raymond Pilbeam .. .. .. .. .. | 9, North Street, Brighton. |
| 2164 | Nov. 1891 | Beck, Arthur Clement .. .. | Sandringham, Norfolk |
| 1457 | Feb. 1888 | Beck, Edward William .. .. | 16, Bank Street, Norwich. |
| 5591 | Oct. 1909 | Beckett, W. Frank .. .. .. | 6, Clare Street, Dublin. |
| 1561 | Jan. 1889 | Beckwith, Henry Langton, Col. | Bank Chambers, 3, Cook Street Liverpool. |

| Dip. No. | Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|---|
| 133 | A. Oct. 1903<br>F. June 1910 | *BEDDALL, HERBERT BOWMAN, M.B.E., N.D.A. .. .. .. .. | 9, Strangways Terrace, Truro. |
| 959 | A. May 1883<br>F. May 1887 | *BEDELLS, CHARLES HERBERT (*Member of Council*) .. .. | 6, John Street, Bedford Row, W.C. |
| 4134 | A. Oct. 1903<br>F. Feb. 1919 | *BEDFORD, CHARLES EDGAR .. | 10, Wigmore Street, Cavendish Square, W.1. |
| 7043 | A. Oct. 1913<br>F. July 1923 | *BEDINGTON, ALFRED CHRISTOPHER, A.M.I.C.E. .. .. | Council Chambers, Newquay. |
| 5163 | A. Oct. 1911<br>C.F. Oct. '15<br>F. Oct. 1919 | BEDINGTON, GUY CYRIL, A.M.I.C.E. | Executive Engineer, P.W.D., Ranb, Pahang, F.M.S. |
| 3521 | A. Oct. 1912<br>F. Dec. 1923 | *BELCHAM, ALAN SYER .. .. | 126, Hamlet Court Road, Westcliff-on-Sea. |
| 1594 | A. Feb. 1889<br>F. Dec. 1895 | *BELCHER, EDWARD JOHN.. .. | Wantage, Berks. |
| 7670 | Nov. 1916 | *BELFRAGE, JAMES HERBERT, A.R.I.B.A. | Norfolk House, Norfolk Street, Strand. W.C.2. |
| 3790 | A. Oct. 1901<br>F. Nov. 1908 | *BELL, ALBERT HENRY.. .. .. | 5, Salisbury Road, Wimbledon, S.W.19 (Surrey). |
| 8320 | Oct. 1898 | BELL, ANDREW WALKER .. | 22, Ainslee Place, Edinburgh. |
| 8734 | Jan. 1922 | BELL, HENRY BROWN .. .. | 62, Woodhouse Lane, Leeds. |
| 8926 | Nov. 1922 | BELL, HENRY JAMES .. .. | 18, Charlotte Street, Perth. |
| 2968 | A. Oct 1895<br>F. Apr. 1922 | BELL-JOHN, HARRY, CAPT., M.C. | District Engineer, P.W.D., Johannesburg. |
| 7046 | A. Oct. 1913<br>F. Oct. 1915 | *BENN, PERCY ARTHUR .. .. | Surveyor's Office, Guildhall, Lichfield, Staffs. |
| 7778 | A. Nov. 1918<br>F. Dec. 1920 | *BENNETT, CHARLES RICHARD.. | County Hall, Cambridge. |
| 7585 | A. Oct. 1915<br>F. Apr. 1923 | *BENNETT, REGINALD HENRY WAPSHOTT .. .. .. .. | 40, Buckingham Gate, S.W.1. |
| 5402 | A. Oct. 1908<br>F. May 1917 | *BENNETT, STEPHEN AUGUSTUS, A.M.I.C.E. | Monmouthshire County Council Offices, Newport, Mon. |
| 5877 | A. Oct. 1910<br>F. Dec. 1919 | *BENNETT, SYDNEY .. .. .. | Messrs. Nightingale, Phillips & Page, Eagle Chambers, Kingston-on-Thames, Surrey. |
| 8735 | Jan. 1922 | BENNION, ARTHUR STRACHAN.. | 96, Gower Street, W.C.1. |
| 8736 | Jan. 1922 | BENNISON, ROLAND EDWARD .. | 126, Wigmore Street, W.1. |
| 2933 | A. Oct. 1895<br>F. June 1915 | *BENTLEY, HAROLD EDWIN.. .. | 43, Chancery Lane, W.C. |
| 8737 | Jan. 1922 | BERNARD, CHARLES ALBERT .. | 26, Orchard Street, Bristol. |
| 3348 | A. Oct. 1898<br>F. Sep. 1904 | *BERRY, CHARLES WINDSOR .. | 97, Jermyn Street, S.W.1. |
| 8425 | A. Oct. 1921<br>F. Dec. 1923 | *BEST, HALSTEAD .. .. .. | 46, Reads Avenue, Blackpool. |
| 3349 | A. Oct. 1898<br>F. Nov. 1905 | *BETENSON, FREDERIC ROGER .. | 5, Great College Street, Westminster, S.W.1. |
| 3350<br>4600 | A. Oct. 1898<br>F. Oct. 1905 | BETTRIDGE, JOHN CHARLES LEBON | The Moorings, Union Road, Shirley, near Birmingham. |

| p. o. | Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|---|
| 78 | A. Oct. 1910<br>F. Apr. 1920 | *Bevan, Roland Stanley .. | Ministry of Transport, Roads Dept., 7, Whitehall Gardens, S.W.1. |
| 05 | A. Nov. 1892<br>F. Oct. 1894 | *Beven, Septimus .. .. .. | 47, King Edward Road, E.9. |
| 51 | A. Oct. 1898<br>F. Apr. 1924 | *Bibbey, Thomas .. .. .. | Mersey Buildings, 18, James Street, Liverpool. |
| 25 | A. Feb. 1894<br>F. Feb. 1896 | *Bidwell, John Evans, M.A. (*Cantab.*) (*Member of Council*) | 11, Benet Street, Cambridge, and Fox Hill, Great Shelford, Cambridge. |
| 97 | A. Oct. 1897<br>F. May 1900 | *Bidwell, Phillip Shelford .. | St. Mary's Street, Ely, Cambridgeshire. |
| 50 | A. Oct. 1913<br>F. Oct. 1914 | *Biggs, Walter Woodbridge .. | 23, Ely Place, E.C.1. |
| 112 | A. Oct. 1907<br>F. Oct. 1914 | *Bigwood, Ernest Guy .. .. | 158, Edmund Street, Birmingham. |
| 122 | Oct. 1911 | Bigwood, Ernest J. .. .. | 158, Edmund Street, Birmingham. |
| 982 | Oct. 1919 | Biller, William Thomas .. | 3, Arranmore Road, Herbert Park, Dublin. |
| 327 | Oct. 1908 | Billingham, John Alfred Lawrence, Lieut.-Colonel | R.E. Offices, York. |
| 167 | Nov. 1891 | Bilson, John, F.R.I.B.A. .. .. | 23, Parliament Street, Hull. |
| 321 | Oct. 189[illegible] | Binnie, Thomas .. .. .. .. | 207, Hope Street, Glasgow. |
| 136 | A. Oct. 1903<br>F. Nov. 1912 | *Binns, Henry William .. .. | 15, Soho Square, W.1. |
| 934 | A. Oct. 1895<br>F. Oct. 1900 | *Birch, Francis Julian Laurence .. .. .. .. | Adcroft House, Bourton, Dorset. |
| 569 | A. Oct. 1893<br>F. Apr. 1895 | *Birch, Richard Elwyn, B.A. (*Cantab.*) .. .. .. .. | Brynasaph, St. Asaph, Flintshire. |
| 1636 | Nov. 1888 | Bird, James Binfield .. .. | Kingswood, Sandown, Isle of Wight. |
| 1154 | May 1884 | Bird, Walter .. .. .. .. | 24, Wynnstay Gardens, Kensington, W. |
| 1351 | A. Jan. 1887<br>F. Feb. 1889 | Birkett, Tom, M.B.E. .. .. | Foxton House, Penrith, Cumberland. |
| 3130 | Oct. 1911 | *Biscoe, Francis Edwin .. .. | 2, College Road, Harrow-on-the-Hill, Middlesex. |
| 2754 | Sep. 1895 | Blackley, Travers Robert .. | c/o Messrs. Coutts & Co., 440, Strand, W.C.2. |
| 3455 | Feb. 1899 | Blair, Alexander .. .. .. | 9, Wemyss Place, Edinburgh. |
| 9308 | Oct. 1924 | Blair, Alexander Henderson | 21, Westland Gardens, Cliftonville, Belfast. |
| 7483 | Oct. 1914 | Blair, Thomas .. .. .. .. | Hoprig Mains, Gladsmuir, Haddingtonshire. |
| 1262 | Mar. 1885 | Blake, Frederick .. .. .. | 46, Commercial Road, Portsmouth. |
| 4632 | A. Oct. 1905<br>F. July 1920 | *Blake, Reginald Lapthorne | 46, Commercial Road, Portsmouth. |
| 4633 | A. Oct. 1905<br>F. Oct. 1921 | Blencowe, Sidney, A.M.I.C.E. | Oficina del Ingeniero, Ferro Carril del Sud, Plaza Constituçion, Buenos Aires. |
| 2170 | Nov. 1891 | Bletsoe, Henry Hopkinson .. | Thrapston, Northamptonshire. |
| 4133 | A. Oct. 1903<br>F. Dec. 1912 | *Bliss, Francis George .. .. | 106, Cheapside, E.C. |
| 1988 | Mar. 1891 | Blizard, John Henry, A.M.I.C.E. | Lansdowne House, Castle Lane, Southampton. |

| Dip. No. | Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|---|
| 4912 | A. Oct. 1906 F. Dec. 1919 | *Blois, Basil Frederic .. .. | Holmwood, St. Osmund's Road, Parkstone, Dorset. |
| 8738 | Jan. 1922 | Blomfield, Charles Edward | 40, Finsbury Square, E.C. |
| 7486 | Oct. 1914 | Bloomer, Josiah .. .. .. | 19, Priory Street, Dudley, Worcestershire. |
| 7547 | Feb. 1915 | Blosse, Henry Lynch .. .. | Worcester Chambers, Swansea. |
| 2935 | A. Oct. 1895 F. July 1905 | *Blount, Edward, Lieut.-Col., C.B.E. | Howard de Walden Estate Office, 23 Queen Anne Street, W. |
| 4139 | A. Oct. 1903 F. Dec. 1910 | *Blunt, Francis Edward.. .. | Valuation Department, Inland Revenue 12, St. John's Lane, Liverpool. |
| 8698 | Oct. 1920 | Bocking, Thomas George .. | Princes Chambers, 6, Corporation Street, Birmingham. |
| 4372 | A. Oct. 1904 F. Sep. 1905 | *Boddington, Percy Edgar .. | c/o Superintending Valuer, 51, Queen Street, Exeter. |
| 1882 | A. Nov. 1890 F. Aug. 1893 | *Body, Arthur, A.R.I.B.A. .. .. | 22, Lockyer Street, Plymouth, and 48, Corn Street, Bristol. |
| 330 | Feb. 1874 | Bolam, Charles Godfrey .. | Holbrook Grange, Rugby, Warwickshire, and 1, Great George Street S.W. |
| 408 | Dec. 1875 | Bolden, John Leonard, M.A. (*Cantab.*), C.V.O. .. .. .. | 28, Lansdowne Road, Holland Park, W |
| 8880 | A. Oct. 1910 F. May 1917 | *Bolton, Frank Holmes .. . | "Eversley," Whaley Bridge, Cheshire |
| 8592 | Oct. 1909 | Bolton, Samuel H., Capt. .. | 397, Antrim Road, Belfast. |
| 199 | May 1869 | Bond, Erasmus .. .. .. .. | Beachy Down, Edensor Road, Eastbourne. |
| 5628 | A. Oct. 1909 F. Apr. 1921 | *Bond, Gerald Edward .. | Buckingham. |
| 8739 | Jan. 1922 | Bond, Walter Benjamin .. | 14, Temple Street, Birmingham. |
| 8740 | Jan. 1922 | Bonds, Joseph Arthur .. | 24, Magdalen Road, Wandsworth Common, S.W. |
| 2936 | A. Oct. 189 F. | Boord, Walter Bertram .. | Bewerley, Pateley Bridge, Yorks. |
| 8741 | Jan. 1922 | Booth, Arthur .. .. .. | Albion Chambers, King Street, Nottingham. |
| 2653 | A. Oct. 1894 F. Nov. 1895 | *Booth, Gilbert William.. .. | 45 and 46, Chandos St., Charing Cross W.C. |
| 5881 | A. Oct. 1910 F. Mar. 1920 | *Booth, Herbert .. .. .. | Valuation Office, Inland Revenue Huddersfield. |
| 7662 | Nov. 1916 | Borrowes, Sir Eustace, Bart. .. .. .. .. .. | 49, Rathdown Road, Dublin. |
| 1883 | A. Nov. 1890 F. June 1891 | *Boulting, Frederick Edward | 45, Albany Street, Regent's Park N.W. |
| 3647 | A. Oct. 1900 F. June 1906 | *Bourchier, Claud J... .. .. | Charleville Estate Office, Tullamore King's County. |
| 6170 | A. Oct. 1911 F. July 1922 | *Bourdas, Arthur Frederick, Capt., M.C. .. .. .. .. | 80, Pall Mall, S.W.1. |

| Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|
| May 1890 | BOURNE, ROBERT ELLIOTT .. | Elwell, Totnes, Devon. |
| A. Oct. 1910<br>F. Sept. 1917 | *BOUSTRED, HENRY NORMAN .. | Friern Barnet Road, N.11 (Herts). |
| A. May 1891<br>F. Apr. 1922 | BOWDEN, ERNEST NEWTON .. | 14, Ridgefield, Manchester. |
| A. Oct. 1897<br>F. Dec. 1902 | *BOWDEN, HARRY.. .. .. .. | Wilts and Dorset Bank Chambers, George Street, Plymouth. |
| A. May 1891<br>F. Nov. 1899 | *§BOWDEN, JOHN FRIENDSHIP (*Member of Council*) .. .. | Bedford Chambers, Exeter. |
| Nov. 1922 | *BOWDEN-LYLE, HARRY JAMES | The Nook, Windsor Road, Abergavenny, Mon. |
| Apr. 1890 | BOWDITCH, HENRY .. .. .. | Sunny Bank, Chichester Road, Bognor. |
| A. Oct. 1919<br>F. July 1920 | *BOWEN, ALFRED JOHN .. .. | Surveyor's Department, County Hall, Newport, Mon. |
| Nov. 1918 | BOWEN, JOHN, B.E. .. .. .. | County Offices, Dungarvan, Co. Waterford. |
| Oct. 1924 | BOWEN, JOHN JOSEPH .. .. | Rathclare, Fermoy, Co. Cork. |
| A. Oct. 1907<br>F. Mar. 1920 | *BOWES, CHARLES .. .. .. | Public Trustee Office, Kingsway, W.C.2. |
| A. Oct. 1920<br>F. Apr. 1921 | *BOWLES, WILLIAM .. .. .. | The Cottage, Elwick Road, Ashford, Kent. |
| Apr. 1890 | BOWLEY, JOHN CROSS.. .. .. | St. Tudno, Mountjoy Road, Eastbourne. |
| Jan. 1922 | BOWLLER, WALTER JOHN .. | 47, Somerton Road, Cricklewood, N.W.2 (Middlesex). |
| Jan. 1922 | BOXALL, ARTHUR BURGESS .. | Lloyds Bank Chambers, 2, Henrietta Street, W.C.2. |
| Jan. 1890 | BOYD, JOHN JERMYN.. .. .. | Heath View, Weybridge, Surrey, and Estate Offices, Hamilton Place, W. |
| Oct. 1921 | BOYLE, JOHN CHARTERS .. | Estate Office, Armagh. |
| Nov. 1916 | BOYTON, SIR JAMES .. .. .. | 6, Vere Street, W. |
| Nov. 1886 | BRACKETT, ARTHUR WILLIAM .. | 27, High Street, Tunbridge Wells. |
| A. Nov. 1890<br>F. May 1892 | *BRACKETT, FREDERICK HENRY.. | 27, High Street, Tunbridge Wells. |
| A. Oct. 1897<br>F. Apr. 1902 | *BRACKETT, WILLIAM NEWBEGIN | Market Place, Retford, Nottinghamshire. |
| A. Oct. 1906<br>F. Apr. 1922 | *BRADFORD, DANIEL .. .. | 9, Carlton Chambers, 12, Regent Street, S.W.1. |
| Nov. 1922 | *BRADLEY, HENRY EDWARD MANNING, M.B.E. | H.M. Office of Works, Storey's Gate, Westminster, S.W.1. |
| A. Oct. 1899<br>F. June 1912 | *§BRADSHAW, ARTHUR GEORGE .. | County Surveyor, Newland House, Lincoln. |
| Nov. 1916 | *BRADSHAW, HUBERT .. .. .. | 29, Manor Row, Bradford. |
| A. Dec. 1888<br>F. Nov. 1893 | *BRADY, RALPH HOLLINSHED, M.B.E. | 17, Warren Street, Stockport, Cheshire, and 42, John Dalton St., Manchester. |
| A. Oct. 1902<br>F. Apr. 1911 | *BRAMLEY, FRANCIS HERBERT .. | The White Building, Fitzalan Square, Sheffield. |
| A. Oct. 1911<br>F. Apr. 1922 | *BRAND, JAMES DOUGLAS.. .. | 15, Beech Avenue, Dumbreck, Glasgow. |

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|---|---|---|---|
| 4857 | A. Feb. 1906<br>F. Feb. 1919 | *BRAY, JOHN SANDERS.. .. .. | 18, Cathedral Yard, Exeter. |
| 1441 | Jan. 1888 | BREACH, BENJAMIN I'ANSON.. | 29, Fleet Street, E.C. |
| 3964 | A. Oct. 1902<br>F. Oct. 1909 | *BREALEY, REGINALD WOODHOUSE | Burns Croft, Leek, Staffordshire. |
| 3795 | A. Oct. 1901<br>F. Nov. 1912 | *BRENT, THOMAS .. .. .. .. | 8, Norbury Crescent, Norbury, S.W.16 (Surrey Committee.) |
| 3923 | A. Oct. 1901<br>F. May 1910 | *BRERETON, WALTER .. .. | The Milestone, Hills Road, Cam bridge. |
| 5606 | Oct. 1909 | *BRESSEY, CHARLES HERBERT, LT.-COL., C.B.E., Chev. Leg. Hon. | Roads Dept., Ministry of Transpor Whitehall, S.W.1. |
| 6175 | A. Oct. 1911<br>F Dec. 1921 | *BREWERTON, FRANK ASQUITH, M.C., A.R.I.B.A. .. .. .. | 89, Oxford Road, Manchester. |
| 5884 | A. Oct. 1910<br>F. Apr. 1918 | *†BRIANT, BERNARD .. .. .. | 200, Kennington Park Road, S.E. |
| 1921 | Jan. 1891 | BRIANT, ROBERT.. .. .. .. | 200, Kennington Park Road, S.E. |
| 5376 | Oct. 1908 | *BRICKWELL, ALFRED JAMES, C.B.E. | L. & N.E. Rly. Estate and Ratin Surveyors Dept., 72, Hamilto House, Bishopsgate, E.C.2. |
| 9315 | Oct. 1924 | *BRIDGEWATER, ALFRED TAYLOR | Town Hall, East Ham, E.6. |
| 1663 | A. Dec. 1889<br>F. Apr. 1922 | BRIDGFORD, LEO APPLETON .. | 65, King Street, Manchester. |
| 4341 | Oct. 1904 | *BRIGGS, ARTHUR.. .. .. .. | Dearnley, Langley Road, Prestwic Manchester. |
| 5411 | A. Oct. 1908<br>F. Nov. 1922 | *§BRIGHT, TOM SPENCER .. .. | 2, New Court, Carey Street, Lincol Inn, W.C.2. |
| 5631 | A. Oct. 1909<br>F. Dec. 1919 | *BRIGHTEN, CLAUDE WILLIAM, O.B.E. | Estate Office, Welwyn Garden Cit Herts. |
| 3080 | A. Oct. 1896<br>F. Feb. 1900 | *BRIGHTON, GEORGE LAWRENCE | 28, Victoria Street, S.W. |
| 2655 | A. Oct. 1894<br>F. Mar. 1899 | *BRINSLEY, HERBERT GEORGE WILLIAM, M.C. | London Guarantee & Accident C Ltd., Port of Spain, Trinida B.W.I. |
| 8744 | Jan. 1922 | BROAD, FREDERIC .. .. .. | 2, Oxford Road, Bournemouth. |
| 4920 | A. Oct. 1906<br>F. Sep. 1919 | *BROAD, GORDON LESLIE, MAJOR, O.B.E., M.C., A.R.I.B.A. | Cedar Cottage, Stangrove Roa Edenbridge, Kent, and H.M. Offi of Works, S.W. |
| 4141 | A. Oct. 1903<br>F. Oct. 1909 | *BROADBENT, WILLIAM .. .. | 12, East Parade, Leeds, and Scotla Lane, Horsforth, Leeds. |
| 8745 | Jan. 1922 | BROCK, FREDERICK WILLIE .. | 1, Calais Street, Camberwell, S.E. |
| 2177 | Nov. 1891 | BROCKLEBANK, JOHN .. .. .. | 58A, Yorkshire Street, Rochdal Lancashire. |
| 6952 | A. Feb. 1913<br>F. June 1919 | *BROCKLEHURST, RICHARD GREAVES | Raymond House, 32, Theobald's Ro W.C. |
| 4858 | A. Feb. 1906<br>F. July 1922 | *BROMLEY, ALAN .. .. .. | Town Surveyor's Office, Sloug Bucks. |
| 4377 | A. Oct. 1904<br>F. Nov. 1909 | *BROOK, HARRY .. .. .. .. | District Valuer's Office, 1st Flo 2A, High Street, Bedford. |

† Special Sanitary Science Diploma.

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|---|---|---|---|
| 5 | A. Oct. 1899 F. Dec. 1917 | *Brooker, Frederick George | The Corner Cottage, Sevenoaks. |
| 3 | Oct. 1924 | Brooks, Albert .. .. .. | 17, Chichester Street, Belfast. |
| 0 | Mar. 1891 | Brooks, Charles William, A.R.I.B.A. | Vernon House, Sicilian Avenue, Bloomsbury Square, W.C. |
| 8 | A. Oct. 1895 F. Nov. 1897 | *Brooks, John McMullen.. .. | 4, Queen Victoria Street, E.C. |
| 9 | A. Oct. 1895 F. Mar. 1899 | *Brooks, Philip Fuller .. .. | 4, Queen Victoria Street, E.C. |
| 3 | A. Jan. 1884 F. Apr. 1922 | Brown, Alexander .. .. | Home Farm, Hothfield, Ashford, Kent. |
| 5 | A. May 1891 F. May 1893 | *Brown, Alexander Burnett.. | Lennox House, Norfolk Street, Strand, W.C. |
| 1 | A. Oct. 1912 F. Nov. 1924 | *Brown, Alfred Willoughby Hope | 11, The Crescent, Barnes, S.W.13 (Surrey). |
| 3 | A. Oct. 1898 F. Mar. 1903 | *Brown, Arthur Allen .. .. | 83, High Street, Croydon, Surrey. |
| 6 | Feb. 1889 | Brown, Charles .. .. .. | Seagate, Gullane, East Lothian. |
| 3 | Oct. 1913 | Brown, Clarence .. .. .. | H.M. Office of Works, King Charles Street, S.W. |
| 0 | Feb. 1915 | Brown, Edward Otto Forster | 706-7, Salisbury House, Finsbury Circus, E.C. |
| 6 | A. Oct. 1911 F. July 1919 | *Brown, Frank .. .. .. .. | 407, Kingsland Road, N.E. |
| 0 | Nov. 1888 | Brown, Frank John (*Member of Council*) .. .. .. .. | Tring, Herts. |
| 6 | Jan. 1922 | Brown, Fred .. .. .. .. | 30, Park Drive, Barrow-in-Furness. |
| 7 | A. Nov. 1892 F. Jan. 1899 | *Brown, George Turville (*Member of Council*) .. .. | 11, Little College St., Westminster, S.W. |
| 7 | Oct. 1921 | Brown, Harold Blumfield | 104, High Holborn, W.C.1. |
| 3 | A. Oct. 1912 F. Sept. 1917 | *Brown, James .. .. .. .. | 11, Melrose Gardens, Kelvinside, Glasgow. |
| 8 | Oct. 1921 | Brown, Leonard .. .. .. | 21, Queen Anne's Gate, S.W.1. |
| 7 | A. Oct. 1910 F. Apr. 1920 | *Brown, Norman Ernest .. | 6, Hanover Square, W.1. |
| 7 | Jan. 1922 | Brown, Rupert Blumfield.. | 104, High Holborn, W.C.1. |
| 4 | A. Oct. 1898 F. Dec. 1923 | Brown, Tom .. .. .. .. | St. Andrew's Church Yard, Penrith. |
| 8 | Oct. 1914 | Brown, Westgarth Forster.. | 15, Victoria Street, S.W. |
| 3 | May 1886 | Brown, William Blumfield.. | 104, High Holborn, W.C. |
| 0 | A. Dec. 1887 F. Apr. 1922 | Brown, William Edward .. | Bude, Hyde Road, Watford, Herts, and 22, Savile Row, Regent St., W. |
| 9 | A. Oct. 1904 F. June 1911 | *Brown, William Ernest, D.S.O., M.C. .. .. .. .. | 39, Pepper Street, Chester. |
| 7 | A. Oct. 1902 F. Jan. 1904 | *Brown, William Henry.. .. | 51, Hollingbourne Road, Herne Hill, S.E.24. |
| 1 | Sep. 1895 | Browne, Ernest H. .. .. | Caynham, Lansdown Road, Cheltenham. |
| 8 | A. Oct. 1905 F. Oct. 1915 | *Browne, Hugh Gillespie .. | 49 & 50, Parliament Street, S.W.1. |

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|---|---|---|---|
| 3945 | Oct. 1902 | BRUNICARDI, DOMINIC N. .. .. | Valuation Office, 6, Ely Place, Dubli |
| 3651 | A. Oct. 1900 F. Sept. 1917 | *BRUZAUD, GEORGE JOSEPH .. | Highfield End, West Byfleet, Surrey. |
| 8748 | Jan. 1922 | BRYANT, SAMUEL JOHN .. .. | Town Hall, Basingstoke, Hants. |
| 6482 | Oct. 1912 | *BRYDEN, CHARLES JOHN BAXTER | Afton, Milngavie, Dumbartonshire. |
| 3546 | A. Oct. 1912 F. Nov. 1913 | *BUCKINGHAM, CLAUDE SOMERSET | 43A, Prince of Wales Road, Norwich |
| 1684 | Jan. 1890 | BUCKLAND, HENRY DUNEAU .. | 4, Bloomsbury Square, W.C., an Windsor, Berks. |
| 2136 | A. May 1891 F. Oct. 1894 | *BUCKLAND, SIDNEY CRAWFORD.. | 4, Bloomsbury Square, W.C., an Windsor, Berks. |
| 5890 | A. Oct. 1910 F. Apr. 1921 | *BUDGEN, WILLIAM HAROLD | 118, Southampton Row, High Ho born, W.C.1. |
| 2182 | Nov. 1891 | BULL, WALTER .. .. .. .. | 60, Hazlewell Road, Putney, S.W.15. |
| 4922 | A. Oct. 1906 F. July 1917 | *BULLER, FRANCIS CHARLES .. | 55, Broadway, Westminster, S.W.1 |
| 8438 | A. Oct. 1921 F. Nov. 1924 | *BULLER, FREDERICK ARTHUR | 63, Schubert Road, Putney, S.W.1 |
| 5121 | A. Oct. 1907 F. July 1919 | *BULTEEL, WALTER GORDON .. | Charlestown, St. Austell. |
| 8749 | Jan. 1922 | BUNN, HENRY LEESON .. .. | 10, John Street, Adelphi, W.C.2. |
| 7587 | A. Oct. 1915 F. Dec 1918 | *BURCH ARTHUR EDWIN .. .. | Earl of Wilton's Estate Office, Ne Street, Weymouth. |
| 4380 | A. Oct. 1904 F. Apr. 1915 | *BURCH, HERBERT .. .. .. | 17, Eldon Square, Newcastle-on-Tyr |
| 4641 | A. Oct. 1905 F. Dec. 1911 | *BURGE, JAMES THOMAS .. .. | Bombay Improvement Trust, Bor bay. |
| 5891 | A. Oct. 1910 F. Apr. 1924 | *BURGESS, ARTHUR .. .. .. | Estate and Rating Office, Mers Docks and Harbour Board, Live pool. |
| 3303 | A. Oct. 1897 F. Nov. 1900 | *BURGESS, HENRY HERBERT PHILIP | c/o United Kingdom Provident Insti tion, 196, Strand, W.C. |
| 3764 | Sep. 1895 | BURKE, HENRY ANTHONY.. .. | Drumkeen, Ballinamallard, Co. F managh. |
| 6439 | Feb. 1912 | BURKE, MARTIN JOSEPH.. .. | H.M. Office of Works, Dublin. |
| 3765 | Sep. 1895 | BURKE, WILLIAM CREAGHE .. | Cloonee, Ballinrobe, Co. Mayo. |
| 4925 | A. Oct. 1906 F. Apr. 1911 | *†BURKETT-SMITH, CECIL SYDNEY | 31, St. Mary Abbott's Terra Kensington, W. |
| 4859 | A. Feb. 1906 F. Apr. 1924 | *BURKITT, HAROLD, M.Sc. (Durham), N.D.A. | Glenside, Etherley Lane, Bisho Auckland. |
| 3654 | A. Oct. 1900 F. June 1914 | *BURMAN, WILLIAM .. .. .. | Estate Office, Kiveton Park, n Sheffield. |
| 1796 | May 1890 | BURMESTER, JOHN WILLIAM STANLEY, F.R.I.B.A. .. .. .. | 13, Queen Anne's Gate, Westminster, S |
| 4642 | A. Oct. 1905 F. Jan. 1912 | *BURN, SIR JOSEPH, K.B.E. .. | Prudential Assurance Company, Holborn Bars, E.C. |
| 635 | Dec. 1881 | BURNETT, SIR DAVID, BART. .. | 9 & 10, Fenchurch Street, E.C.4. |
| 3968 | A. Oct. 1902 F. Sep. 1904 | *BURNETT, JOHN, MAJOR .. | Tadworth Road, Ashby-de-la-Zou |

† Special Sanitary Science Diploma.

| Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|
| A. Oct. 1905<br>F. Apr. 1913 | *BURNETT, LESLIE TREW .. .. | 9 & 10, Fenchurch Street, E.C.4. |
| A. Oct. 1904<br>F. Dec. 1919 | *BURR, FREDERICK MALCOLM .. | 30, Finsbury Square, E.C.2. |
| A. Oct. 1900<br>F. Dec. 1901 | *†BURR, HARRY .. .. .. .. | Willington, Bedford. |
| A. Oct. 1898<br>F. Jun. 1904 | *BURROUGHES, CHARLES FITZPATRICK .. .. .. .. .. .. | Ketton Cottage, Stamford, Lincs. |
| A. Dec. 1886<br>F. Jan. 1890 | *BURROWS, ALFRED JOHN .. .. | 41, Bank Street, Ashford, Kent, and 20, Hanover Square, W.1. |
| A. Oct. 1909<br>F. July 1922 | *BURROWS, PERCY CHARLES .. | Welcomes, Ouseley Road, Wraysbury, Bucks. |
| A. Oct. 1905<br>F. June 1919 | *BURT, JOHN THOMAS .. .. .. | 6A, St. Martin's, Leicester. |
| Dec. 1884 | BURTENSHAW, ALBERT .. .. | Hailsham, Sussex. |
| A. Oct. 1898<br>F. July 1901 | *BURTENSHAW, ALBERT KING.. | Hailsham, Sussex. |
| A. Oct. 1907<br>F. Oct. 1916 | *BURTENSHAW, ARTHUR HOWARD .. .. .. .. | "Arley," Tenterden, Kent. |
| A. Oct. 1895<br>F. Jan. 1897 | *BURTON, AMOS, A.M.I.C.E... .. | Borough Engineer, Town Hall, Stoke-upon-Trent, Staffordshire. |
| Jan. 1922 | BURTON, GILBERT H. .. .. | 12, New Court, Carey Street, W.C.2. |
| A. Oct. 1898<br>F. Sep. 1902 | *BURTON, REGINALD ROBERT .. | London County Council, New County Hall, S.E.1. |
| Oct. 1909 | BURY, JOSHUA .. .. .. .. | 8, John Dalton Street, Manchester. |
| A. Oct. 1911<br>F. July 1922 | *BURY, WILLIAM NEVILE BROADBENT .. .. .. .. | 8, John Dalton Street, Manchester. |
| A. Dec. 1887<br>F. Apr. 1922 | BUSS, FLEETWOOD GEORGE WILLIAM | 4, Verulam Buildings, Gray's Inn, W.C. |
| A. Oct. 1916<br>F. Dec. 1918 | *§BUSS, HAROLD GEORGE .. .. | Valuation Office, Lincoln's Inn Fields, W.C.2. |
| A. Oct. 1894<br>F. Nov. 1899 | *BUTLER, ALBERT ERNEST.. .. | 28, Broad Street, Wokingham, Berkshire. |
| A. Oct. 1897<br>F. May 1900 | *(BUTLER, CHARLES .. .. .. | Union Offices, Queen Street South, Huddersfield. |
| Nov. 1922 | BUTTAR, ALEXANDER .. .. | 53, Hanover Street, Edinburgh. |
| Jan. 1922 | BYWATERS, PERCY .. .. .. | 5, Duke Street, Adelphi, W.C.2. |
| Nov. 1891 | CABLE, JAMES M., A.R.I.B.A. .. | 19, Trinity Rise, Tulse Hill, S.W.2. |
| Dec. 1889 | CÆSAR, CHARLES EDWARD .. | 105, Tooley Street, Southwark, S.E. |
| A. Oct. 1911<br>F. June 1919 | *CALLINAN, PATRICK .. .. .. | 53, Russell Road, W.14. |
| A. Oct. 1910<br>F. Dec. 1922 | *CALLOW, CLAYTON HAROLD .. | 47, Havelock Road, Hastings. |
| Feb. 1908 | CAMERON, ANGUS.. .. .. .. | Seafield Estates Office, Elgin, N.B. |
| A. Oct. 1906<br>F. Apr. 1923 | *CAMPBELL, NICHOLAS PETERSON | 100, Donore Avenue, South Circular Road, Dublin. |

† Special Sanitary Science Diploma. ( Special Rating Diploma

| Dip. No. | Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|---|
| 1869 | A. Oct. 1902<br>F. Dec. 1904 | *Candy, Walter Emmanuel .. | Encombe, Wareham, Dorset. |
| 6552 | A. Oct. 1912<br>F. Dec. 1923 | *§Canham, Ernest Reginald, O.B.E. .. .. .. .. .. | 4, Frederick's Place, E.C. |
| 6131 | Oct. 1911 | *Cantlay, Robert William .. | Martlett House, Bow Street, W.C.2. |
| 7750 | Nov. 1918 | Carbury, John .. .. .. .. | 6, Ely Place, Dublin. |
| 8752 | Jan. 1922 | Carless, Thomas James .. | 11, Old Queen Street, Westminster S.W.1. |
| 7988 | Oct. 1919 | *§Carlton, Harry Weston .. | Burnmill Hill, Market Harborough |
| 6184 | A. Oct. 1911<br>F. Oct. 1920 | *Carnegie, John William Percy | 106, Alexandra Road, Southend-on Sea. |
| 9136 | Oct. 1923 | Carnegy, David Jamieson .. | County Buildings, Forfar. |
| 6185 | A. Oct. 1911<br>F. Apr. 1916 | *Carpenter, Alfred Joseph .. | 89, Fawnbrake Avenue, Herne Hill S.E. |
| 5416 | A. Oct. 1908<br>F. Oct. 1920 | *Carr, Charles Watson .. | 17, Sussex Gardens, Eastbourne. |
| 2769 | Sep. 1895 | Carson, William B. .. .. .. | Mendon, Swords, Co. Dublin. |
| 5127 | A. Oct. 1907<br>F. Apr. 1919 | *Carswell, Arthur Gemmell .. | Capesthorne, Chelford, Cheshire. |
| 8753 | Jan. 1922 | Carter, David Chamberlain | Cogan Chambers, Bowlalley Lane Hull. |
| 7751 | Nov. 1918 | Carter, Thomas Henry .. .. | Estate Office, Mountrath, Queen's County. |
| 1943 | A. Oct. 1895<br>F. Nov. 1898 | *Cartwright, Alfred Stott .. | Council Office, Wilmslow, Cheshire. |
| 9149 | Oct. 1923 | *Cassé, Albert .. .. .. | Station Road West, Oxted, Surrey. |
| 7087 | A. Oct. 1913<br>F. Oct. 1920 | *Castle, Malcolm Arthur .. | Bridge Auction Mart, Great Yarmouth, Norfolk. |
| 4930 | A. Oct. 1906<br>F. Sep. 1919 | *Caton, Edmund Percy .. .. | 10, New Road Avenue, Chatham. |
| 4111 | A. Feb. 1903<br>F. Nov. 1924 | *Caton, Thomas Linfield .. | 2 & 3, The Sanctuary, Westminster S.W.1. |
| 1480 | Apr. 1888 | Cave, Thomas Newman .. .. | Horton, Northamptonshire. |
| 1836 | Nov. 1890 | Chalk, Henry Philip .. .. | Linton, Cambridgeshire. |
| 6955 | A. Feb. 1913<br>F. Nov. 1922 | *Challis, Frank Gordon .. | Valuation Office, Wells Road, Malvern, Worcestershire. |
| 3155 | A. Feb. 1897<br>F. June 1899 | *Chamberlain, George Arthur Raddon | Whitegates, Enville, near Stourbridge Worcestershire. |
| 6555 | A. Oct. 1912<br>F. Dec. 1922 | *Chambers, Harold John Lavender .. .. .. .. | Corn Hall Buildings, Cirencester. |
| 2660 | A. Oct. 1894<br>F. Feb. 1896 | *§Chambers, Sir Theodore Gervase, K.B.E. .. .. .. | Welwyn Garden City, Herts. |
| 5067 | A. Feb. 1907<br>F. Apr. 1916 | *Chambers, Waddelow Nix .. | c/o Messrs. Hobbs & Chambers Faringdon, Berks. |
| 2770 | Sep. 1895 | Chambré, C. B. M. .. .. .. | Northland Row, Dungannon, Co. Tyron |
| 3971 | A. Oct. 1902<br>F. Dec. 1920 | *Champernowne, Amyas Walter | c/o The Manager, Lloyds Bank, Sidmouth, Devon. |

| Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|
| F. Oct. 1920<br>A. Nov. 1918<br>A. Oct. 1893 | *CHAMPION, BRYAN ARTHUR .. | 13B, Lowfield Street, Dartford, Kent. |
| F. Apr. 1922 | CHAMPION, GEORGE ERNEST .. | Redwall Farm, Linton, Kent. |
| A. Oct. 1902<br>F. June 1908 | *CHANDLER, JOHN .. .. .. .. | Valuer's Office, 1, Alexandra Villas, Finsbury Park, N. |
| Oct. 1923 | *CHANTER, HORACE RAYMOND, A.R.I.B.A. | 7, Whitehall Gardens, Acton Hill, W.3 (Middlesex). |
| A. Oct. 1909<br>F. Mar. 1920 | *CHAPMAN, ARTHUR HENRY .. | Surveyors' Dept., Metropolitan Water Board, 173, Rosebery Avenue, E.C.1. |
| A. Oct. 1909<br>F. Dec. 1910 | *§CHAPMAN, CHARLES ALBERT .. | 101, Connaught Road, Roath Park, Cardiff. |
| Feb. 1897 | CHAPMAN, GEORGE JAMES, MAJOR, O.B.E.. .. .. .. | 3, Park Avenue, Bedford. |
| A. Oct. 1909<br>F. Apr. 1922 | *CHAPMAN, JOHN FRANK .. .. | H.M. Office of Works, Westminster, S.W.1. |
| Oct. 1906 | CHAPPELL, FRANK RICHARDSON | H.M. Office of Works, King Charles Street, Westminster, S.W., and 153, Stapleton Hall Road, Stroud Green, N. (Middlesex). |
| A. Oct. 1913<br>F. Oct. 1920 | *CHARLES, RICHARD DUDLEY STAFFORD | Pinner's Hall, Old Broad Street, E.C.2, and Green Acres, Stanmore, Middlesex. |
| May 1890 | CHARLES, RICHARD STAFFORD .. | Pinners Hall, Old Broad Street, E.C.2, and Woodside House, Chenies, Bucks. |
| A. Jan. 1896<br>F. Nov. 1901 | *†CHART, CHRISTOPHER (*Member of Council*) .. .. .. .. | Union Bank Chambers, Croydon. |
| Mar. 1890 | CHART, ROBERT MASTERS .. .. | The Vestry Hall, Mitcham, Surrey. |
| A. Oct. 1909<br>F. Apr. 1924 | *CHASEMORE, ALEC. .. .. .. | Estate Office, Horsham. |
| A. Oct. 1898<br>F. Nov. 1901 | *CHATTELL, FRANCIS LORIOT .. | 10, Lincoln's Inn Fields, W.C.2. |
| Oct. 1912 | CHATTERTON, ABRAHAM .. .. | Kilgarron, Enniskerry, Co. Wicklow. |
| A. Oct. 1900<br>F. Dec. 1904 | *CHESTERTON, SIDNEY JAMES, M.B.E. .. .. .. .. .. | 116, Kensington High Street, W. |
| Mar. 1890 | CHESTERTON, SIDNEY RAWLINS.. | 116, Kensington High Street, W. |
| Oct. 1915 | *CHEVERTON, ALFRED DOUGLAS | 26A, Portsmouth Road, Woolston, Southampton. |
| Nov. 1891 | CHEW, HENRY VICTOR .. .. | 44, Bedford Row, W.C.1. |
| A. Oct. 1899<br>F. Oct. 1900 | *CHICHESTER, RICHARD HERBERT | Woodthorpe, Sydenham Hill Road, S.E.26. |
| Oct. 1921 | CHIDGEY, HUGH THOMAS ARTHUR .. .. .. .. .. | 18, Adam Street, Strand, W.C.2. |
| Feb. 1890 | CHILD, FRED.. .. .. .. .. | 65 and 66, Chancery Lane, W.C., and 1, Station Road, New Barnet. |

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|---|---|---|---|
| 7489 | Oct. 1914 | CHILDE, HENRY SLADE .. .. | Wakefield, Yorkshire. |
| 6190 | A. Oct. 1911 F. Sep. 1919 | *CHILTON, ERNEST ALFRED .. | Ridgedown, Uckfield, Sussex. |
| 1112 | A. Feb. 1884 F. June 1891 | CHRISTY, ARCHIBALD ERNEST .. | 12, Great St. Helens, E.C. |
| 7656 | Nov. 1916 | CIMA, GERALD JOSEPH .. .. | H.M. Office of Works, King Charle Street, S.W. |
| 8754 | Jan. 1922 | CLARIDGE, WILLIAM DAVID .. | L.C.C. Architects' Department, Nev County Hall, Westminster, S.E.1 |
| 7098 | A. Oct. 1913 F. Dec. 1922 | *CLARK, ALEXANDER MUIRHEAD | Oakwood, Hilton Avenue, Inverness |
| 5900 | A. Oct. 1910 F. Oct. 1911 | *CLARK, ALFRED HENRY .. .. | 4, Adelphi Terrace, W.C. |
| 4652 | A. Oct. 1905 F. Apr. 1920 | *§CLARK, DUNCAN WALTER .. | St. Runwalds, 3, West Stockwe Street, Colchester. |
| 5078 | A. Feb. 1907 F. July 1918 | *CLARK, HENRY DENTON .. .. | St. Peter's Churchyard, The Cros Chester. |
| 2484 | Feb. 1892 | CLARK, JOHN MCCLARE (*Past-President*) | Haltwhistle & Hexham, Northumbe land. |
| 3364 | A. Oct. 1898 F. July 1905 | *CLARK, NATHANIEL .. .. .. | Holly Lodge, Ebchester, Co. Durhan |
| 681 | Jan. 1882 | CLARK, SAMUEL .. .. .. .. | 8, New Cavendish Street, W. |
| 6564 | A. Oct. 1912 F. Nov. 1922 | *CLARK, WILLIAM HENRY .. | 55, Crouch Street, Colchester. |
| 4388 | A. Oct. 1904 F. Feb. 1919 | *CLARKE, ALFRED HOWARD .. .. | 11, High Street, Crawley, Sussex. |
| 1801 | May 1890 | CLARKE, CHRISTOPHER .. .. | The Hermitage, Bedale, Yorkshir |
| 3657 | A. Oct. 1900 F. July 1901 | *CLARKE, ERNEST SEYMOUR, CAPT. | 21, Surrey Street, Strand, W.C.2. |
| 6194 | A. Oct. 1911 F. July 1921 | *CLARKE, FRANCIS ARCHIBALD | 13, Rawlinson Road, Hesketh Par Southport. |
| 8380 | Oct. 1921 | CLARKE, FRANCIS MILLETT .. | 6, Ely Place, Dublin. |
| 1994 | Mar. 1891 | CLARKE, GEORGE ERNEST .. .. | 31, The Mall, Southgate, N.14 (Middl sex). |
| 8755 | Jan. 1922 | CLARKE, GEORGE JOHN .. .. | 32, Bensham Manor Road, Thor ton Heath, Surrey. |
| 1007 | A. Dec. 1883 F. Nov. 1889 | CLARKE, PERCY HENRY .. .. | 21, Surrey Street, Strand, W.C.2. |
| 5132 | A. Oct. 1907 F. July 1918 | *CLARKE, ROBERT, CAPT. .. .. | Wheeler Gate Chambers, Nottingha |
| 1924 | Jan. 1891 | CLARKE, STANLEY CHATFEILD .. | 102, Bishopsgate Street, E.C.2. |
| 7102 | A. Oct. 1913 F. May 1924 | *CLARKE, VINCENT COOPER .. | 13, Park Place, St. James Stree S.W. |
| 1837 | Nov. 1890 | CLARKSON, WILLIAM .. .. .. | 53, Finchley Road, Westcliff-on-S |
| 3210 | A. Oct. 1897 F. Oct. 1900 | *CLARKSON, WILLIAM, JUN. .. .. | 2 & 3, Philpot Lane, E.C.3, 87, E India Dock Road, Poplar, a 9, Valkyrie Road, Westcliff-o Sea, Essex. |
| 4389 | A. Oct. 1904 F. May 1910 | *CLAY, WILLIAM HENRY CHRISTY, O.B.E., A.M.I.C.E. | Estate Dept., L.M. & S. Rly., Eust Station, N.W.1. |
| 5593 | Oct. 1909 | CLAYTON, JOHN GRAVES .. .. | 32, Nassau Street, Dublin. |

| Mp. No. | Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|---|
| 05 | A. Oct. 1911<br>F. Dec. 1914 | *CLEGG, HERBERT .. .. .. | Stonebank, Westville Road, Ilkley, Yorks. |
| 18 | A. Oct 1903<br>F. June 1911 | *§CLEMENTS, CYRIL JOHN .. .. | 19, Watson Avenue, Mansfield, Notts. |
| 56 | Jan. 1922 | CLEVELY, FREDERICK JOHN .. | 39, Bloomsbury Square, W.C.1. |
| 05 | A. Oct. 1913<br>F. Oct. 1924 | *CLEWORTH, WILLIAM ARMINE WALE .. .. .. .. .. | Bunbury, near Tarporley, Cheshire. |
| 38 | A Oct. 1905<br>F. July 1922 | *CLOSE, HUBERT JOHN .. .. | 18, Sneath Avenue, Golders Green, N.W.11. |
| 78 | A. July 1868<br>F. May 1875 | CLUTTON, JOHN HENRY .. .. | 5, Great College Street, Westminster Abbey, S.W. |
| 21 | A. Jan. 1870<br>F. Dec. 1875 | CLUTTON, RALPH WILLIAM.. .. | Hartswood, Reigate, Surrey. |
| 46 | A. Oct. 1909<br>F. Oct. 1920 | *COADE, CECIL JAMES .. .. | 118, Southampton Row, Russell Square, W.C. |
| 85 | A .Dec. 1885<br>F. May 1894 | *COALES, HERBERT GEORGE, A.M.I.C.E. .. .. .. .. .. | Local Board Offices, Market Harborough. |
| 83 | Oct. 1912 | *COATES, FREDERICK ERNEST .. | 5, The Craiglands, Sunderland, Durham. |
| 02 | A. Feb. 1904<br>F. Apr. 1913 | *COATES, LAURENCE CALVERT .. | Windsor House, 83, Kingsway, W.C.2. |
| 49 | A. Oct. 1903<br>F. Oct. 1907 | *COATES, PERCY BREVITT .. .. | Fairholme, North Curry, Taunton. |
| 73 | A. Oct. 1902<br>F. Jan. 1908 | *COBB, HENRY FREDERICK, COL., C.B.E. | Directorate of Lands, Caxton House West, Tothill Street, S.W.1. |
| 13 | Jan. 1882 | COBB, HERBERT MANSFIELD (*Vice-President*), C.B.E. | Cathedral Chambers, Rochester, and 4 & 5, Charles Street, St. James Square, S.W.1. |
| 07 | A. Oct. 1901<br>F. Nov. 1907 | *COBB, ROBERT .. .. .. .. | "Watlynge," near Rochester. |
| 61 | A. Oct. 1900<br>F. July 1901 | *COCHRANE, WILLIAM JAMES .. | 15, Thornhill Terrace, Sunderland. |
| 08 | A. Oct. 1901<br>F. Apr. 1914 | *COCKS, JOHN FREDERICK .. .. | Ware Park, Ware, Herts. |
| 96 | Nov. 1891 | COCKS, SAMUEL ROGER .. .. | 5, St. Thomas' St., Ryde, Isle of Wight. |
| 47 | A. Oct. 1909<br>F. Dec. 1919 | *COLE, CHARLES PHILIPS .. .. | Messrs. W. Brown & Co., Berkhamsted, Herts. |
| 65 | A. Oct. 1898<br>F. Oct. 1905 | COLE, FRANCIS JOSEPH, M.B.E... | Director of Works Department, Admiralty, S.W. |
| 76 | A. Oct. 1902<br>F. Nov. 1908 | *COLE, HERBERT COVINGTON, COLONEL, C.B.E. | Room 775, Caxton House, Tothill Street, S.W.1. |
| 10 | A. Oct. 1901<br>F. June 1911 | *COLES, JAMES HATCH.. .. .. | 7, New Road, Chatham. |
| 39 | Nov. 1890 | COLES, SAMUEL HOOD COWPER | Lower Bisterne, Ringwood, Hants. |
| 42 | Oct. 1910 | *COLES, WALTER GEORGE, I.S.O. | Board of Agriculture for Scotland, 29, St. Andrew Square, Edinburgh. |
| 69 | A. Feb. 1882<br>F. Feb. 1884 | COLGATE, THOMAS .. .. .. | Meeching Court House, Newhaven, Sussex. |
| 02 | A. May 1884<br>F. Oct. 1911 | *COLLIER, ARTHUR CHARLES .. | c/o Messrs. Child & Co., 1, Fleet Street, E.C.4. |

| Dip. No. | Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|---|
| 5843 | Oct. 1910 | *Collier, Henry Hewett .. | 69, Fleet Street, E.C. |
| 1414 | A. Dec. 1887<br>F. Feb. 1891 | Collingham, John Cyril Lees | 6, Mount Street, W. |
| 5572 | A. Oct. 1912<br>F. July 1919 | *Collins, Leonard Keyte .. | 1, Newhall Street, Birmingham. |
| 826 | A. Dec. 1882<br>F. Jan. 1891 | Collins, Marcus E. .. .. .. | 61, Old Broad Street, E.C. |
| 2062 | May 1891 | Commin, Frederick James .. | 5, Victoria Street, S.W. |
| 1926 | Jan. 1891 | Conder, Alfred, F.R.I.B.A. .. | 52, Shepherds Hill, Highgate, N.6. |
| 8757 | Jan. 1922 | Connell, Edwin James .. | Trinity Buildings, 25, New Bridge Street, Newcastle-on-Tyne. |
| 3174 | Oct. 1897 | Connor, George Harry Adams | Estates Office, Longniddry, N.B. |
| 5571 | A. Feb. 1909<br>F. July 1921 | *Conquest, Claude Duncombe | c/o Messrs. Thurgood, Martin & Eve, 27, Chancery Lane, W.C.2. |
| 5367 | Oct. 1908 | Constable, George William .. | Traquair Estate Office, Innerleithen, N.B. |
| 7989 | Oct. 1919 | *Conway, Edward John, Lic.R.I.B.A. .. .. .. .. | 87, Talbot Road, Bournemouth. |
| 3212 | A. Oct. 1897<br>F. Apr. 1923 | *Cooke, Frederick Roper .. | 4, Quex Road, High Road, Kilburn, N.W. |
| 3948 | Oct. 1902 | *Cooper, Arthur John .. .. | 8, Paddinswick Road, Ravenscourt Park, W.6. |
| 3664 | A. Oct. 1900<br>F. Nov. 1907 | *Cooper, George Augustus .. | 7 & 9, Tunbridge Road, Maidstone. |
| 3813 | A Oct. 1901<br>F. July 1905 | *Cooper, Harry Thomas .. .. | 106, George Street, Portman Square, W.1. |
| 1927 | Jan. 1891 | Cooper, John Robert .. .. | 35, Old Jewry, E.C., and Queen's Lodge, West End Lane, West Hampstead, N.W. |
| 2772 | Sep. 1895 | Coote, Stanley Victor, M.A. (*Oxon*). .. .. .. .. .. | "Germains," Chesham, Bucks. |
| 1966 | A. Jan. 1891<br>F. Jan. 1895 | *Cope, Henry James .. .. .. | 7, Guildford Place, Russell Square, W.C. |
| 1597 | Mar. 1889 | Corbett, Edwin Wortley Montagu | Bute Estate Office, Castle Street, Cardiff. |
| 3666 | A. Oct. 1900<br>F. Sep. 1905 | *Corbett, John Rooke, M.A. (*Cantab.*) .. .. .. .. .. | 25, Great George Street, Bristol. |
| 7567 | Oct. 1915 | *Costello, Joseph .. .. .. | 43, Westbourne Grove, Middlesbrough, Yorks. |
| 3330 | Oct. 1898 | *Cotterell, Albert Player Isaac, M.I.C.E. .. .. .. .. | 17, Old Queen Street, S.W. |
| 926 | A. Apr. 1883<br>F. Nov. 1889 | Couchman, Henry Boteler .. | Moor Park Estate Office, Rickmansworth, Herts. |
| 6302 | A. Oct. 1911<br>F. July 1916 | *Coughlan, Patrick .. .. .. | Clonmel Street, Mitchelstown, Co. Cork |
| 4070 | A. Oct. 1902<br>F. Dec. 1921 | *Courtenay, Charles Philip.. | Town Hall, Greenwich. |
| 556 | Jan. 1880 | Coverdale, Frederick John .. | Billericay, Essex. |
| 728 | Feb. 1882 | Coverdale, Henry .. .. .. | The Duke of Norfolk's Estates Office, Sheffield. |

| Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|
| A. Oct. 1908<br>F. Mar. 1920 | *§Cowell, Norman, M.C. .. .. | District Valuer's Office, Bromley House, High Street, Bromley, Kent. |
| CF.Oct.1912<br>F. Jan. 1922 | Cowling, John William .. | Public Works Dept., Pretoria. |
| A. Feb. 1882<br>F. Apr. 1922 | Cowper, Richard William .. | 81, High Street, Sittingbourne, Kent. |
| A. Oct. 1897<br>F. Nov. 1900 | *Cowper, William Shapland .. | 81, High Street, Sittingbourne, Kent. |
| Oct. 1913 | *Cox, Arthur Stanley .. .. | 16, Queen Victoria Street, Reading. |
| Feb. 1890 | Cox, Edward Samuel (*Member of Council*) .. .. .. .. | 3, New Street, York. |
| A. Oct. 1923<br>F. Dec. 1923 | *Cox, Frank Thomas, Lt.-Col., D.S.O. | 9, Vernon Road, Edgbaston, Birmingham. |
| A. Oct. 1896<br>F. May 1900 | *Cox, Walter Theodore .. | Holmbury, Bower Mount Road, Maidstone. |
| A. Oct. 1911<br>F. Sep. 1919 | *Coy, Frederick William Foster | 5, Cranbourne Court, Albert Bridge Road, S.W.11. |
| Nov. 1916 | *Crabb, Henry Ralph .. .. | Public Offices, Enfield, Middlesex. |
| A. Oct. 1902<br>F. Jan. 1910 | *Crabtree, Percy .. .. .. | Valuation Office, Inland Revenue, Huddersfield. |
| A. Oct. 1899<br>F. Oct. 1907 | *Cragg, George Edwin .. .. | Cayley Estate Office, Colwyn Bay, Denbighshire. |
| Jan. 1922 | Cramer, James .. .. .. | 4, St. Mary's Parsonage, Manchester. |
| A. Oct. 1899<br>F. Sep. 1903 | *Crampton, Arthur Wesley .. | 7, Provost Road, Hampstead, N.W.3. |
| Nov. 1891 | Cranfield, William Bathgate | 6, Poultry, E.C. |
| Jan. 1922 | Crapp, Frederick Elliott .. | c/o J. K. Dale, 117, Colmore Row, Birmingham. |
| A. Oct. 1913<br>F. Dec. 1918 | *Crawford, Andrew Rennie, Lic.R.I.B.A. | Land Valuation Office, 249, George Street, Glasgow. |
| A. May 1883<br>F. Nov. 1888 | Crawter, John .. .. .. .. | White House, Claygate, Surrey. |
| A. Oct. 1907<br>F. Apr. 1919 | *Creasey, John Rogers, Jun. .. | 30, Budge Row, Cannon Street, E.C. |
| A. Mar. 1881<br>F. Apr. 1922 | Cresswell, John Theodore Ross | 5, Great College Street, Westminster Abbey, S.W. |
| Jan. 1922 | Crickmay, Harry William .. | 49, St. Mary Street, Weymouth. |
| A. Nov. 1891<br>F. Jan. 1896 | *Crier, John Thomas .. .. | 12, Hoveden Road, Cricklewood, N.W.2 (Middlesex). |
| A. Oct. 1908<br>F. Oct. 1909 | *Crisp, George Frederick .. | Valuation Office, Wells Road, Malvern, Worcestershire. |
| A. Oct. 1908<br>F. July 1920 | *Croft, Christopher .. .. | The Elms, Dallington, Northampton. |
| A. Feb. 1881<br>F. Feb. 1890 | Crofts, Ewan Nevile .. .. | Caythorpe, Grantham, Lincolnshire. |
| Oct. 1921 | Crone, William Murray .. | 65, West Regent Street, Glasgow. |
| A. Feb. 1898<br>F. July 1902 | *Cronk, Charles Tylee .. .. | 72, High Street, Wells, Somerset. |
| Feb. 1882 | Cronk, Frank .. .. .. .. | Kent House, 1B, King Street, St. James' Square, S.W., and Sevenoaks, Kent. |

| Dip. No. | Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|---|
| 5426 | A. Oct. 1908<br>F. July 1916 | *Crook, Felix .. .. .. | 17, Hooley Range, Heaton Moor, Stockport, Cheshire. |
| 3528 | A. Oct. 1899<br>F. Dec. 1924 | Crook, Hollis Augustus .. | 311, Kentish Town Road, N.W., and 121, Cheapside, E.C. |
| 5139 | A. Oct. 1907<br>F. May 1910 | *Cropper, Richard Blaylock | 5, St. Petersgate, Stockport, Cheshire. |
| 4660 | A. Oct. 1905<br>F. Oct. 1920 | *Crosher, William Samuel, M.B.E. | Haims, Hampstead Way, Hampstead Garden Suburb, N.W. |
| 4124 | Oct. 1903 | *Cross, Arthur George (*Member of Council*) .. .. .. | 28, Victoria Street, Westminster, S.W. |
| 1754 | Mar. 1890 | Cross, William Haslam .. .. | 77, King Street, Manchester. |
| 8111 | Oct. 1920 | *Crossley, Frederick .. .. | Estate Office, Gawthorpe Hall, Burnley. |
| 5140 | A. Oct. 1907<br>F. Apr. 1914 | *Crow, Frederick Lewis, Jun. | c/o Messrs. Crow, Dorking, Surrey. |
| 5141 | A. Oct. 1907<br>F. Oct. 1909 | *Crozier, Harry William .. | 60, Fore Street, Hertford. |
| 3814 | A. Oct. 1901<br>F. Apr. 1913 | *Crump, Edward Harold .. | 22, Riverleaze Road, Sea Mills, near Bristol. |
| 4153 | A. Oct. 1903<br>F. Dec. 1915 | *Crump, Harold .. .. .. | Quarndon, 8, Ashbourne Avenue, Golder's Green, N.W. (Middlesex) |
| 5824 | A. Feb. 1910<br>F. Dec. 1922 | *Cubitt, Ernest James .. .. | 13, Goldsmith Avenue, Acton, W. (Middlesex). |
| 8761 | Jan. 1922 | Cubitt, Harry .. .. .. | Bedford Row Chambers, 42, Theobald's Road, W.C.1. |
| 5428 | A. Oct. 1908<br>F. Dec. 1911 | *Culf, Edward Ivor .. .. | Rigby's Buildings, Dale Street, Liverpool. |
| 3768 | A. Feb. 1901<br>F. May 1909 | *Cullen, Felix Victor .. .. | 82, Mortimer Street, W. |
| 6583 | A. Oct. 1912<br>F. Apr. 1920 | *Culliford, Leonard Arthur, F.R.I.B.A. .. .. .. .. | 3, John Street, Bedford Row, W.C. |
| 4154 | A. Oct. 1903<br>F. Apr. 1913 | *Culver, Herbert George .. | 10, Old Jewry Chambers, E.C.2. |
| 3368 | A. Oct. 1898<br>F. Dec. 1899 | *Culverhouse, Cecil Goldar Fearn .. .. .. .. .. | 28 Holland Road, Hove. |
| 7120 | A. Oct. 1913<br>F. Sep. 1919 | *Culverwell, George Lane .. | 14, Market Place, Chippenham. |
| 1928 | Jan. 1891 | Cumberland, Edward Anthony | Luton and Leighton Buzzard, Bedfordshire. |
| 4155 | A. Oct. 1903<br>F. Nov. 1908 | *Cundy, Henry I. .. .. .. | 55, Old Christchurch Road, Bournemouth. |
| 9151 | Oct 1923 | *Currey, Harold Wynne .. | 37, Norfolk Street, Strand, W.C.2. |
| 6135 | Oct. 1911 | *Currie, Arthur Lorimer .. | 183, West George Street, Glasgow. |
| 581 | Dec. 1880 | Curtis, Charles Edward .. | Woodlands, Brockenhurst, Hants. |
| 2738 | A. Mar. 1895<br>F. May 1898 | *Cuthbert-Williams, Henry .. | Dudley House, The Steyne, Bognor, Sussex. |
| 7122 | A. Oct. 1913<br>F. Sep. 1919 | *Cutlack, William Austin .. | 11, Palace Grove, Bromley, Kent. |
| 3529 | A. Oct. 1899<br>F. Nov. 1903 | *Cutler, George Alfred .. .. | 6, Welbeck Court, Addison Bridge, Kensington. |

| | Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|---|
| 7 | A. Oct. 1897<br>F. July 1905 | *DADD, CHARLES JOHN THOMAS .. | County Hall, Westminster, S.E.1. |
| 9 | A. Oct. 1904<br>F. June 1909 | *DADSON, REGINALD THORNTON, O.B.E. .. .. .. .. .. | 2, John Street, Bedford Row, W.C.1. |
| 7 | A. Oct. 1912<br>F. Sept. 1917 | *DAKERS, EDWARD JOHN WILLIAM .. .. .. .. | 93, Castlehill Road, Ayr, N.B. |
| 2 | Jan. 1922 | DALE, JOHN KIRKHAM .. .. | 117, Colmore Row, Birmingham |
| 0 | A. Feb. 1902<br>F. Feb. 1908 | *‹DALGLIESH, CHRISTOPHER .. .. | 1, Victoria Square, Reading. |
| 5 | A. Feb. 1912<br>F. Apr. 1922 | *DALLEY, REGINALD ARTHUR .. | The Cedars, Kidderminster. |
| 3 | A. Oct. 1905<br>F. Oct. 1914 | *DAMPNEY, CYRIL JOHN .. .. | 38, Midhurst Avenue, East Finchley, N.2 (Middlesex). |
| 8 | A. Oct. 1897<br>F. Feb. 1901 | *DANGERFIELD, THOMAS SAMUEL | 19 and 20, Holborn Viaduct, E.C. |
| 6 | A. Oct. 1901<br>F. Jan. 1909 | *§DANIELL, FREDERICK STANLEY.. | Head Gate, Colchester. |
| 1 | A. Oct. 1899<br>F. Nov. 1903 | *DANN, HENRY .. .. .. .. | 3, Spital Street, Dartford, Kent. |
| 4 | A. Oct. 1905<br>F. Oct. 1915 | *§DANNATT, PERCY BOOTHROYD, A.R.I.B.A. .. .. .. .. .. | 18, Nelson Street, Greenwich, S.E.10. |
| 6 | A. Dec. 1889<br>F. Apr. 1891 | *DARCH, JOHN.. .. .. .. .. | 55, West Side, Wandsworth Common, S.W. |
| 8 | A. Oct. 1910<br>F. Apr. 1921 | *DARLING, JOHN .. .. .. | 25, Pitcullen Terrace, Perth. |
| 7 | A. Feb. 1883<br>F. May 1891 | DASH, ROLAND ASHFORD .. .. | 3, Lancaster Place, Strand, W.C.2. |
| 2 | A. Oct. 1909<br>F. Nov. 1922 | *DASH, ROYDON ENGLEFIELD ASHFORD | Chief Valuer's Office, Valuation Office, Lincoln's Inn Fields, W.C.2. |
| 9 | A. Oct. 1900<br>F. July 1901 | *DAUBNEY, CHARLES ARCHIBALD, F.R.I.B.A. | District Surveyor, Bermondsey, Bank Chambers, Tower Bridge, Bermondsey, S.E. |
| 3 | Jan. 1922 | DAVENPORT, WILLIAM T. .. | 26A, Sankey Street, Warrington. |
| 01 | A. Oct. 1904<br>F. Jan. 1912 | *DAVEY, JOHN .. .. .. .. | 30, Glenshiel Road, Eltham, S.E. |
| 18 | A. Dec. 1882<br>F. Nov. 1890 | DAVID, EDMUND USSHER .. .. | 4, Park Place, Cardiff. |
| 4 | A. Oct. 1893<br>F. July 1922 | DAVID, GEORGE WILLOUGHBY, B.A. (*Cantab.*) .. .. .. | 11, Cathedral Road, Cardiff. |
| 78 | A. Oct. 1902<br>F. Dec. 1920 | *DAVID, LEWIS WOOLLEY, B.A. (*Cantab.*) .. .. .. .. | 11, Cathedral Road, Cardiff. |
| 70 | A. Oct. 1900<br>F. July 1905 | *‖DAVIDGE, WILLIAM ROBERT, F.R.I.B.A., A.M.I.C.E... .. .. | 5, Victoria Street, Westminster, S.W.1. |
| 80 | Feb. 1899 | DAVIDSON, CHARLES .. .. .. | Terrace Buildings, Paisley, Renfrewshire. |

‹ Special Rating Diploma. ‖ Sessional Papers Gold Medal.

| Dip. No. | Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|---|
| 3176 | Oct. 1897 | DAVIDSON, JAMES INGLIS (*Past-President*) | Saughton Mains, Corstorphine, Midlothian. |
| 8764 | Jan 1922 | DAVIDSON, WILLIAM JAMES .. | "Longleat," Queen's Road, Cheltenham. |
| 6136 | Oct. 1911 | *DAVIE, ALEXANDER .. .. .. | Valuation Dept., 99, Glassford Street, Glasgow. |
| 8015 | A. Oct. 1919 F. Apr. 1921 | *DAVIES, BENJAMIN PRICE, M.S.A., A.I.Struct.E. .. .. | Surveyor of Works, City Hall, Cardiff. |
| 2575 | A. Oct. 1893 F. Mar. 1896 | *§DAVIES, CYRIL FROODVALE .. | Hafdre, Llanwrtyd Wells, Brecknockshire. |
| 2512 | A. Nov. 1892 F. Oct. 1894 | *DAVIES, DAVID THOMAS .. .. | 33, Park Place, Cardiff. |
| 5145 | A. Oct. 1907 F. Nov. 1912 | *DAVIES, HAROLD CLIFFE .. .. | 97, Mount Road, Higher Tranmere, Birkenhead, Cheshire. |
| 5378 | Oct. 1908 | *DAVIES, HORACE FRANCIS, A.R.I.B.A. .. .. .. .. .. | 28, Grange Road, Brook Lane, Chester. |
| 4402 | A. Oct. 1904 F. Nov. 1908 | *DAVIES, JOHN NICHOLLS .. .. | 96, Ashen Grove, Wimbledon Park, Surrey. |
| 7125 | A. Oct. 1913 F. June 1919 | *DAVIES, JOHN SIMON .. .. .. | 56, Morfa Street, Bridgend. |
| 3532 | A Oct. 1899 F. Mar. 1920 | *DAVIES, JOHN WILLIAM SATTERLEY HUMPHREYS | Valuation Office, 23, Skinner Street, Newport, Mon. |
| 4158 | A Oct. 1903 F. Apr. 1919 | *DAVIES, RHYS WILTSHIRE.. .. | 15, Western Elms Avenue, Reading. |
| 5146 | A. Oct. 1907 F. Nov. 1922 | *‡DAVIES, WILLIAM GWYNNE BATCHELOR .. .. .. .. | 14, Bell Street, Reigate. |
| 2212 | Nov. 1891 | DAVIS, ALFRED THOMAS, MAJOR, M.I.C.E. | Consulting Surveyor, Milford Lodge, Sutton Road, Shrewsbury. |
| 8765 | Jan. 1922 | DAVIS, ARCHIBALD HINKLEY .. | 26, Cloth Market, Newcastle-on-Tyne. |
| 4939 | A. Oct. 1906 F. June 1919 | *DAVIS, ARTHUR HENRY .. .. | 19 Hanover Square, W. |
| 8766 | Jan. 1922 | DAVIS, WILLIAM EDWARD .. | 13, John Street, Adelphi, W.C.2. |
| 5912 | A. Oct. 1910 F. Dec. 1919 | *DAVSON, ALAN WARBURTON .. | 72, Victoria Street, S.W.1. |
| 5431 | A. Oct. 1908 F. Apr. 1919 | *DAW, HERBERT WARWICK .. | 100c, Queen Victoria Street, E.C.. |
| 897 | Feb. 1883 | DAW, SIR WILLIAM HERBERT .. | 100c, Queen Victoria Street, E.C.. |
| 6599 | A. Oct. 1912 F. Dec. 1920 | *DAWES, GEORGE WILLIAM FRANCIS .. .. .. .. | 74, Cheapside, E.C.2. |
| 5095 | Oct. 1907 | *DAWSON, CHARLES FORD .. .. | 14, Henleaze Road, Bristol. |
| 7127 | A. Oct. 1913 F. Dec. 1921 | *DAWSON, ERNEST .. .. .. | 49, Deansgate, Manchester. |
| 3370 | A. Oct. 1898 F. Oct. 1900 | *DAWSON, GEORGE CROSBIE .. | 19, Priory Row, Coventry, Warwickshire. |
| 5148 | A. Oct. 1907 F. July 1919 | *‖DAWSON, HENRY WALKER .. .. | c/o The Federation of Master Cotton Spinners' Assoc., Ltd., Royal Exchange, Manchester. |
| 8984 | A. Oct. 1922 F. Oct. 1924 | *DAWSON, LESLIE .. .. .. | 39, Church Street, Dufftown. |
| 6137 | Oct. 1911 | *DAWSON, ROBERT ALEXANDER | The Farm, Gordon Castle, Fochabers. |
| 1642 | Dec. 1889 | DAY, GEORGE CARLETON .. .. | Estate Office, Woodbridge, Shaftesbury, Dorset. |

‡ Special Forestry Diploma. ‖ Special Rating Diploma.

| | Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|---|
| 9 | A. Dec. 1883<br>F. Nov. 1887 | *Day, William .. .. .. .. | High Street, Maidstone, Kent. |
| 0 | Oct. 1914 | *¢Daykin, Harry .. .. .. .. | "Elmsley," Trowle, Trowbridge, Wilts. |
| 6 | Nov. 1916 | Deacon, Maurice .. .. .. | Chase Cliffe, Whatstandwell, near Matlock. |
| 8 | A. Oct. 1901<br>F. Apr. 1911 | *Deacon, Stanley Marcus .. | 32, Craven Street, Charing Cross, W.C.2. |
| 3 | Jan. 1882 | Deacon, Thomas Mark .. .. | 32, Craven Street, Charing Cross, W.C.2. |
| 5 | A. Oct. 1911<br>F. Mar. 1920 | *Dean, William .. .. .. | Valuation Dept., 18, Bennetts Hill, Birmingham. |
| 7 | Jan. 1922 | Dearle, William Walker .. | 13, John Street, Adelphi, W.C.2. |
| 6 | A. Oct. 1893<br>F. Jan. 1899 | *Debenham, Frederic Kersey | 25 and 27, Oxford Street, W. |
| 1 | A. Oct. 1912<br>F. Dec. 1918 | *De la Quintana, Carlos Ygnacio Elias .. .. .. | 86, Eccleston Square, S.W.1. |
| 8 | A. Oct. 1899<br>F. Mar. 1903 | *Delves, Robert Harvey Addington .. .. .. .. .. | City Improvement Trust, Bombay. |
| 0 | A. Dec. 1883<br>F. Oct. 1891 | Demetriadi, Thomas Marsden | 53, Spinkfield Road, Birkby, Huddersfield. |
| 7 | A. Dec. 1889<br>F. Jan. 1894 | *§Dendy, William Cooper.. .. | Borough Engineer's Department, Lambeth Town Hall, Brixton Hill, S.W. |
| 0 | A. Oct. 1902<br>F. July 1918 | *Densham, John Boon .. .. | The Warren, Higher Drive, Purley, Surrey. |
| 0 | A. Oct. 1897<br>F. May 1903 | *Denton, William .. .. .. | Montgomery Chambers, Hartshead, Sheffield. |
| 8 | Jan. 1922 | Desch, Ernest Conway .. | 3, Pump Court, Temple, E.C. |
| 3 | A. Oct. 1909<br>F. July 1920 | *Dibdin, Robert John .. | 45, Fenchurch Street, E.C. |
| 1 | Sep. 1895 | Dickinson, Charles, B.A. (*Dublin*) (*Member of Council*) .. .. | 23, South Frederick Street, Dublin. |
| 4 | A. Oct. 1908<br>F. May 1917 | *Dickson, Alfred Eric, Capt. | 30, Winckley Square, Preston. |
| 8 | A. Dec. 1884<br>F. May 1885 | *Dickson, Thomas Arthur .. | 17, Debdale Road, Wellingborough. |
| 3 | A. Oct. 1894<br>F. May 1897 | *Dinwiddy, Donald .. .. .. | 54, Parliament Street, S.W., and Greenwich, S.E. |
| 4 | Feb. 1883 | Dinwiddy, Thomas, F.R.I.B.A. | St. Margarets-at-Cliffe, Dover. |
| 5 | A. Oct. 1908<br>F. Feb. 1919 | *¢Dixon, Isaac .. .. .. .. | 148, Brownlow Hill, Liverpool. |
| 5 | A. Oct. 1909<br>F. Apr. 1919 | *Dixon, Myles .. .. .. .. | 20, Castle Street, Liverpool. |
| 9 | Jan. 1922 | Dockerill, Charles William | 2, Oxford Road, Bournemouth. |
| 9 | A. Oct. 1911<br>F. July 1923 | *Docksey, Sydney Bateman | 175, Highgate, Heaton, Bradford. |
| 0 | Jan. 1922 | Dod, Herbert Charles William | 14, Elgin Road, Alexandra Park, N. 22 (Middlesex). |
| 1 | Jan. 1922 | Dodge, Henry William .. | 120, High Street, Brentford. |

¢ Special Rating Diploma.

| Dip. No. | Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|---|
| 7713 | Oct. 1917 | *Dolamore, Frederick Percy.. | Borough Surveyor, Municipal Offices Bournemouth. |
| 1136 | Apr. 1884 | Doll, Charles Fitzroy, F.R.I.B.A. | 5, Southampton St., Bloomsbury, W.C |
| 2217 | Nov. 1891 | Dollar, Peter, A.R.I.B.A... .. | Craig's Court House, Charing Cross, S.W. |
| 1415 | A. Dec. 1887 F. Dec. 1891 | *§Done, John James .. .. .. | Cricklewood, N.W. (Middlesex). |
| 2218 | Nov. 1891 | Dorning, Arthur Harry .. | Holmleigh, Bowdon, Cheshire. |
| 5332 | Feb. 1908 | Douglas, Arthur Hugh .. | Cortworth House, Wentworth, Rothe ham, Yorks. |
| 6138 | Oct. 1911 | *Douglas, James Wightman, Major, D.S.O. .. .. .. | Ministry of Health, Whitehall, S.W. |
| 5916 | A. Oct. 1910 F. Dec. 1921 | *Douglas, Norman .. .. . | 26, Albert Road, Middlesbrough. |
| 6221 | A. Oct 1911 F. Apr. 1922 | *Dow, Walter James .. .. | Penang, Guildford Road, Great Book ham, Surrey. |
| 493 | Jan. 1878 | Downing, Frederick .. .. | The Hollies, Upper Tooting Park, S.W. 17. |
| 1997 | Mar. 1891 | Downing, Henry Philip Burke, F.R.I.B.A., F.S.A. | 12, Little College Street, Westminste Abbey, S.W., and Avalon, Wilto Road, Merton, S.W. (Surrey). |
| 3983 | A. Oct. 1902 F. Apr. 1921 | *Drake, Frank Arthur .. | 39, Alfred Place West, South Ken sington, S.W. |
| 1336 | A. Dec. 1886 F. Nov. 1888 | *Drew, Henry Alban .. .. | 24, East Southernhay, Exeter. |
| 1095 | A. Feb. 1884 F. Jan. 1889 | Drew, John Gould, B.A. (*Oxon.*) | 24, East Southernhay, Exeter. |
| 5659 | A. Oct. 1909 F. June 1912 | *Drew, Stanley Thomas .. | 2, Great Winchester Street, E.C. |
| 3984 | A. Oct. 1902 F. Nov. 1903 | *Driver, Arthur Charles .. | 7, Charles Street, St. James' Square S.W.1. |
| 7673 | Nov. 1916 | *Drover, William Henry, M.S.A. | 36, Thornbury Avenue, Southampto |
| 3985 | A. Oct. 1902 F. Jan. 1910 | *Drower, Edmund Gilbert .. | 28, Victoria Street, S.W. |
| 4845 | Feb. 1906 | Drower, John Edmund, C.B.E. | 28, Victoria Street, S.W. |
| 5845 | Oct. 1910 | *Drummond, Bertram, A.R.I.B.A. | 54, Alfred Terrace, Fleetwood, Lanc and Bank Chambers, Lytha Street, Blackpool. |
| 7642 | Nov. 1916 | Drummond, Francis Dudley W., Col. .. .. .. .. .. | Carmarthen. |
| 4667 | A. Oct. 1905 F. Apr. 1913 | *Duckworth, Walter Edmund .. .. .. .. | The Mart, Bridgwater, Somerset. |
| 1692 | A. Jan. 1890 F. Dec. 1893 | *Dudley, Edgar.. .. .. .. | Copseham Rise, Oxshott, Surrey. |
| 5660 | A. Oct. 1909 F. July 1921 | *Duke, Augustus Barnaby Cyril | West End House, Martinstown, ne Dorchester. |
| 1802 | May 1890 | Duke, Edward .. .. .. .. | Dorchester. |
| 5438 | A. Oct. 1908 F. Apr. 1923 | *Duke, Henry Edward .. .. | Morland, Dorchester. |
| 2221 | Nov. 1891 | Duncan, James Morison .. | 40 and 42, Queen Victoria Street, E. |
| 3536 | A. Oct. 1899 F. Oct. 1900 | *Dunlop, Dugdale Oakeley .. | 28, Brazennose Street, Manchester |

| Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|
| Oct. 1924 | DUNN, CECIL JOSEPH .. .. | 7, St. James Terrace, Clonskeagh, Dublin. |
| Oct. 1912 | *DUNN, EDWARD JONATHAN .. | Valuation Office, Midland Bank Chambers, Albert Road, Middlesbrough. |
| Jan. 1891 | DUNN, SIR WILLIAM HENRY, BART. .. .. .. .. .. | 36-37, Great St. Helen's, E.C.3. |
| A. Oct. 1919 F. Apr. 1922 | *DUNNAGE, GERALD ECKETT .. | Alleyns College of God's Gift, The Old College, Dulwich, S.E.21. |
| A. Oct. 1921 F. Oct. 1923 | *DUNS, ROBERT HARBOTTLE .. | 51, Cherryburn Gardens, Fenham, Newcastle-on-Tyne. |
| A. Oct. 1906 F. Jan. 1909 | *†DUNSMORE, GILBERT .. .. .. | 1, Garthorne Road, Honor Oak Park, S.E. |
| A. Feb. 1900 F. July 1922 | *DUNT, JOHN HARLOW .. .. | Trelawne, Arragon Gardens, Streatham, S.W. |
| A. Oct. 1905 F. Oct. 1907 | *DURBRIDGE, ERNEST .. .. .. | 7, Baker Street, Portman Square, W.1. |
| A. Oct. 1898 F. June 1904 | *DYER, FREDERICK BURFIELD .. | 28, Holland Road, Hove. |
| Jan. 1922 | DYER, HENRY JOHN .. .. | 44, Victoria North Road, Southsea, Hants. |
| A. Oct. 1910 F. Dec. 1921 | *DYER, WILLIAM FANSTONE .. | 17, Montpelier Row, Blackheath, S.E.3, and 30, Budge Row, Cannon Street, E.C. |
| Apr. 1882 | DYER, WILLIAM JOHN .. .. | 17, Montpelier Row, Blackheath, S.E.3. |
| Nov. 1916 | DYKE, BERNARD FRANK .. .. | Civil Engineer in Chief's Department, Admiralty, S.W.1. |
| A. Oct. 1906 F. Dec. 1911 | *DYKINS, PHILIP LLEWELLYN .. | Geoddi Beuno, Holywell, Flintshire. |
| A. Oct. 1910 F. Nov. 1912 | *§EACHUS, CHARLES ALFRED EEDES | Valuation Office, Lincoln's Inn Fields, W.C.2. |
| A. Oct. 1909 F. Dec. 1921 | *EAMER, ALFRED STANLEY.. .. | 101, Strathyre Avenue, Norbury, S.W.16 (Surrey). |
| A. Oct. 1908 F. Dec. 1919 | *EAMES, HENRY PARSLOE .. .. | Pencraig, Caeran Crescent, Newport, Mon. |
| A. Oct. 1900 F. Jan. 1908 | *EARLE, JOHN WILFRID .. .. | 6, Quality Court, Chancery Lane, W.C.2. |
| Nov. 1891 | EARLE, THOMAS ALGERNON, LT.-COL. .. .. .. .. .. | 90, King Street, Manchester. |

† Special Sanitary Science Diploma.

| Dip. No. | Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|---|
| 2577 | A. Oct. 1893<br>F. Feb. 1897 | *§Eason, Edward William .. | 192, Bishopsgate, E.C. |
| 3090 | A. Oct. 1896<br>F. June 1900 | *§Easter, William .. .. .. | Wiggenhall St. German, King's Lynn |
| 7737 | Nov. 1918 | Eckersley, Frank, O.B.E. .. | 9, Kenilworth Avenue, Harrogate. |
| 5379 | Oct. 1908 | *Edge, Frederic James, M.I.C.E. | 38, Blackett Street, Newcastle-on Tyne. |
| 2784 | Sep. 1895 | Edgeworth, Thos. Newcomen | Cherbury, Booterstown, Co. Dublin. |
| 7143 | A. Oct. 1913<br>F. Apr. 1924 | *§Edgson, Walter Stanley .. | 27, Maddox Street, W.1. |
| 2579 | A. Oct. 1893<br>F. Jan. 1896 | *Edmonds, John .. .. .. .. | Estate Office, Powis Castle, Welsh pool, Mont. |
| 5846 | Oct. 1910 | *Edmonds, John Nitchell .. | Wood Farm, Malvern Wells. Worcestershire, and Worcester Chambers Pierpoint Street, Worcester. |
| 8112 | Oct. 1920 | *Edwards, David .. .. .. | Borough Surveyor, Town Hall, Brighton. |
| 7714 | Oct. 1917 | *Edwards, Richard .. .. .. | Cefnymaes, Oswestry, Salop. |
| 5920 | A. Oct. 1910<br>F. Oct. 1913 | Edwards, Sidney Albert .. | 22, Eaton Square, Monkstown, Co. Dublin. |
| 639 | Dec. 1881 | Egerton, Hubert Decimus .. | 102, Victoria Street, S.W.1. |
| 8773 | Jan. 1922 | Egerton, William .. .. .. | 12, Queen's Road, Erith, Kent. |
| 988 | Dec. 1883 | Eggar, James Alfred .. .. | 74, Castle Street, Farnham, Surrey. |
| 2949 | A. Oct. 1895<br>F. Nov. 1896 | *Egginton, Denys .. .. .. | 150, Friar Street, Reading. |
| 7758 | Nov. 1918 | *Eginton, Arthur Thomas .. | County Offices, Preston. |
| 4583 | A. Feb. 1905<br>F. June 1919 | *Eiloart, Ferdinand Robert.. | 40, Chancery Lane, W.C. |
| 530 | A. Jan. 1879<br>F. Dec. 1883 | Eiloart, Frederick Edward.. | 40, Chancery Lane, W.C. |
| 2227 | Nov. 1891 | Elford, John .. .. .. .. | Eastlea, Wimborne Road, Pool Dorset. |
| 3987 | A. Oct. 1902<br>F. Oct. 1920 | *Elgar, Charles John .. .. | Crockshard, Wingham, near Dove |
| 2580 | A. Oct. 1893<br>F. Apr. 1922 | Elgar, Walter Robinson .. | Hillside, Sittingbourne, Kent. |
| 1886 | A. Nov. 1890<br>F. Feb. 1892 | Elgood, Frank Minshull, O.B.E., F.R.I.B.A. .. .. .. | 98, Wimpole Street, W. |
| 7568 | Oct. 1915 | *Elias, Charles Frederick .. | 5, Harrington Street, Liverpool. |
| 2514 | A. Nov. 1892<br>F. Mar. 1896 | *Ellis, Albert Edward .. .. | Bedford Chambers, Exeter. |
| 3223 | A. Oct. 1897<br>F. Nov. 1901 | *Ellis, Alfred Cave .. .. .. | 57, Chancery Lane, W.C. |
| 3373 | A. Oct. 1898<br>F. Jan. 1902 | *Ellis, Arnold Robertson .. | 39, Kimbolton Road, Bedford. |
| 2785 | Sep. 1895 | Ellis, Ernest Francis Leslie | St. Austin's, Inch, Co. Wexford. |
| 1887 | A. Nov. 1890<br>F. May 1894 | *Ellis, Francis .. .. .. .. | Bast House, Walmersley, Lancashir |
| 2065 | May 1891 | Ellis, Frederick .. .. .. | 141, Inverness Terrace, Hyde Par W. |
| 153 | A. Oct. 1907<br>F. Dec. 1921 | *Ellis, George Edward .. .. | "Penkridge," Chesham, Bucks. |

| Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|
| A. Dec. 1888<br>F. May 1890 | *ELLIS, HERBERT MOATES, CAPT., M.C. .. .. .. .. .. .. | 8, New Court, Carey Street, W.C.2. |
| A. Jan. 1887<br>F. Feb. 1891 | *ELLIS, RALPH STAPLES .. .. | 29, Fleet Street, E.C.4. |
| Feb. 1883 | ELLIS, RICHARD ADAM .. .. | 45, Fenchurch Street, E.C.3. |
| A. Oct. 1896<br>F. June 1904 | *ELPHICK, GEORGE PELHAM .. | Valuation Office, Inland Revenue, 23, Upper Northgate Street, Chester. |
| A. Oct. 1908<br>F. June 1915 | *ELSWORTHY, JOHN GORDON .. | 4, Bennet Street, St. James', S.W.1. |
| A. Oct. 1911<br>F. Oct. 1913 | *ELTON, PERCIE ION, A.R.I.B.A. | District Surveyor, 95, High Street, Wandsworth, S.W.18. |
| A. Dec. 1881<br>F. Dec. 1890 | ELWELL, WILLIAM HENRY .. | 3, Abingdon Gardens, Kensington, S.W. |
| A. Oct. 1905<br>F. Sep. 1919 | *EMERY, DOUGLAS WADE .. .. | District Valuer's Office, 2A, High Street, Bedford. |
| Oct. 1921 | *ENDICOTT, ALBERT .. .. .. | Room 5 G.G., Directorate of Lands, H.M.O.W., Storey's Gate, S.W.1. |
| Jan. 1922 | ENGLAND, HARRY .. .. .. | |
| A. Oct. 1907<br>F. Jan. 1912 | *ENTWISTLE, CHARLES CARRUTHERS .. .. .. .. .. | 10, Norfolk Street, Manchester. |
| A. Oct. 1911<br>F. Oct. 1920 | *ENTWISTLE, JOSEPH .. .. | 15, West Beach, Lytham, Lancs. |
| Jan 1922 | EVANS, ALFRED RICHARD .. | 11, Gray's Inn Place, Gray's Inn, W.C.1. |
| Nov. 1891 | EVANS, ARTHUR OWEN .. .. | Dale Fort, Dale, Milford Haven, Pembrokeshire. |
| A. Oct. 1905<br>F. Dec. 1912 | *EVANS, BERTIE GRAHAM .. .. | 17, Patten Road, Wandsworth Common, S.W.18. |
| Oct. 1913 | *EVANS, DAVID .. .. .. .. | Valuer's Office, 10 & 12, Market Street, Carnarvon. |
| A. Feb. 1909<br>F. Mar 1920 | *EVANS, EDWARD ARTHUR, B.SC., A.M.I.C.E. | County Surveyor's Office, Welshpool, Montgomeryshire. |
| A. Oct. 1905<br>F. Dec. 1912 | *EVANS, EDWIN DUDLEY .. .. | La Marina, Old Fort Road, Shoreham-by-Sea, Sussex. |
| A. Oct. 1895<br>F. Nov. 1909 | *EVANS, ERNEST SYDNEY .. .. | District Valuer (Bucks), Amersham Hill, High Wycombe, Bucks. |
| A. Feb. 1911<br>F. July 1918 | *EVANS, MONTAGU, CAPT., M.C. .. | 19-21, Wilson Street, Finsbury, E.C.2. |
| Oct. 1909 | *EVANS, SAMUEL .. .. .. .. | Divisional Roads Engineer, Ministry of Transport, 18, Dumfries Place, Cardiff. |
| Nov. 1891 | EVANS, WILLIAM, A.M.I.C.E. .. | New Walk, Beverley, Yorkshire. |
| A. Feb. 1874<br>F. Nov. 1876 | EVANS, WILLIAM ERNEST .. | School Gardens, Shrewsbury. |
| A. Oct. 1894<br>F. Feb. 1901 | *§EVE, CHARLES GERALD (*Member of Council*) | Lonsdale Chambers, 27, Chancery Lane, W.C.2. |

| Dip. No. | Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|---|
| 1416 | A. Dec. 1887 F. May 1891 | *Eve, Sir Herbert Trustram, K.B.E. | 2, St. Paul's Square, Bedford, an 2 & 3, The Sanctuary, Wes minster, S.W. 1. |
| 3503 | Oct. 1899 | *Eve, William Harold (*Member of Council*) .. .. .. .. | 10, Union Court, E.C. |
| 2665 | A. Oct. 1894 F. Nov. 1900 | *Everington, John .. .. .. | Forster Estate Office, 31, Bromley Road, Catford, S.E. |
| 8024 | A. Oct. 1919 F. July 1923 | *§Evershed, Wilfrid Leonard Armitage .. .. .. .. | 51, High Street, Guildford. |
| 3826 | A. Oct. 1901 F. May 1905 | *Every-Clayton, Reginald Arthur Eric .. .. .. .. | 4, Oakfield Road, Newport, Mon. |
| 2666 | A. Oct. 1894 F. Nov. 1895 | *Eves, Francis George Bertram | 54, High Street, Uxbridge, Middlesex. |
| 1549 | A. Jan. 1889 F. Nov. 1892 | *Eves, William Lionel .. .. | 54, High Street, Uxbridge, Middlesex |
| 4414 | A. Oct. 1904 F. June 1912 | *Eyles, Charles Henry .. | Ministry of Health, Whitehall, S.W. |
| 2667 | A. Oct. 1894 F. Sep. 1904 | *Fagg, Edwin William .. .. | 92, High Street, Notting Hill Gat W.11. |
| 3092 | A. Oct. 1896 F. Nov. 1901 | *Fair, Arthur Edward .. .. | Estate Office, Haigh Hall, Wigan, La cashire. |
| 1510 | Dec. 1888 | Fair, James Stretton .. .. | Falkland House, Long Melford, Suffolk. |
| 4163 | A. Oct. 1903 F. June 1906 | *Fairchild, Edward James .. | 10, John Street, Adelphi, W.C.2. |
| 5445 | A. Oct. 1908 F. Oct. 1911 | *Fairminer, William James .. | Ye Homesteade, 40, Hallswelle Roa Golder's Green, N.W. (Middlese |
| 1758 | Mar. 1890 | Falcon, Michael .. .. .. | Horstead House, Norwich. |
| 8776 | Jan. 1922 | Farley, George Henry .. | 24, Park Row, Nottingham. |
| 2951 | A. Oct. 1895 F. Oct. 1899 | *Farmer, Hugh Cecil .. .. | 5, Great College Street, Westmins Abbey, S.W. |
| 2234 | Nov. 1891 | Farnan, Henry Richard .. | 41, Finsbury Pavement, E.C. |
| 3225 | A. Oct. 1897 F. July 1905 | *Farnham, William Augustus.. | Sidcup, Kent. |
| 2787 | Sep. 1895 | Farrell, Edward Francis, Lt.-Colonel.. .. .. .. | Walterstown, Moynalty, Kells, Co. M |
| 4947 | A. Oct. 1906 F. Nov. 1907 | *Farrer, Frederick Robert.. | 2, Coleman Street, E.C. |
| 5157 | A. Oct. 1907 F. Oct. 1918 | *Farrer, John Camplin .. .. | 13, Handel Mansions, Handel Stre W.C.1. |
| 8777 | Jan. 1922 | Farrow, E. Bertram .. .. | 171, Exploration Buildings, Cor missioner Street, Johannesburg, |

| Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|
| Jan. 1922 | FARTHING, WILLIAM WALTER.. | c/o Headquarters, Royal Air Force, Middle East Area, Cairo, Egypt. |
| Nov. 1918 | FAULDS, WILLIAM CLARK .. .. | 133, Great Hamilton Street, Glasgow. |
| Jan. 1922 | FAUX, CHARLES JAMES .. .. | 22, Essex Street, Strand, W.C.2. |
| A. Oct. 1910 F. July 1916 | *FAYERMAN, ALEC GEORGE PERCY, MAJOR | 57, The Parade, Leamington, Warwickshire. |
| A. Oct. 1905 F. Feb. 1919 | *FELTHAM, ARTHUR WILLIAM .. | 12, St. Michael's Road, Maidstone. |
| Oct. 1904 | *FENTON, ADAM DOUGLAS .. .. | Maristow Estate Office, Roborough, S. Devon. |
| A. Oct. 1912 F. Nov. 1922 | *FENTON, FRANK .. .. .. | South View, Addingham, Ilkley, Yorks. |
| A. Oct. 1910 F. Apr. 1920 | *FENTUM, CHARLES ALFRED .. | Valuation Office, 6, Ely Place, Dublin. |
| Oct. 1915 | FENWICK, CHARLES RICHARD, M.I.C.E. .. .. .. .. .. | 26, Park Row, Leeds. |
| Jan. 1922 | FERGUSON, ACHESON .. .. | 2, Wellington Place, Belfast. |
| Oct. 1912 | *FERGUSON, JAMES, MAJOR .. | 22, Glandore Avenue, Belfast. |
| Nov. 1883 | FERRIS, GEORGE .. .. .. | Milton Manor, Pewsey, Wilts. |
| Jan. 1922 | FEW, HARRY EDWARD .. .. | 21, Elspeth Road, Lavender Hill, S.W.11. |
| Dec. 1882 | FIDDIAN, WILLIAM .. .. .. | 7, Church Street, Stourbridge, Worcestershire. |
| Jan. 1922 | FIDGEN, WALTER FRANK.. .. | 27, Chancery Lane, W.C.2. |
| A. Oct. 1898 F. July 1907 | *FIELD, CHARLES ROLAND .. | 54, Borough High Street, S.E. |
| Nov. 1918 | FIELDER, CHARLES LAVINGTON, O.B.E. | Lands Branch, Civil Engineer in Chief's Dept., Admiralty, S.W.1. |
| A. Nov. 1892 F. May 1896 | *FINN, FRED .. .. .. .. | St. Bartholomew's, Sandwich, Kent. |
| A. Nov. 1891 F. Oct. 1894 | *§FINN, HERBERT ARCHIBALD .. | 16, St. Mark's Hill, Surbiton, Surrey. |
| A. Oct. 1912 F. Oct. 1913 | *FINN-KELCEY, HUBERT FRANCIS | Estate Office, Lyminge, Folkestone, Kent. |
| A. Oct. 1922 F. July 1923 | *FIRTH, FRED .. .. .. .. | North Lodge, Llantarnam Abbey, Mon. |
| A. Oct. 1908 F. Dec. 1910 | *FIRTH, HARRISS .. .. .. .. | Valuation Department, 25, Winckley Square, Preston. |
| A. Apr. 1883 F. Jan. 1889 | FISHER, CHARLES BROWNING, C.B.E. (*Member of Council*).. | Market Harborough, Leicestershire. |
| Oct. 1911 | *FISHER, GATHORNE JOHN .. | Briarlea, Penygam, Pontypool, Monmouthshire. |
| A. Oct. 1896 F. Apr. 1922 | *FISHER, ROBERT .. .. .. | Glen Esk, Preston Road, Harrow. |
| A. Oct. 1905 F. June 1906 | *FISHER, THOMAS GEORGE .. | Briar Cottage, Watery Lane, Merton Park, Wimbledon, S.W.19. |
| A. Oct. 1904 F. Apr. 1920 | *FITCH, SIDNEY .. .. .. .. | Bramford, Amersham Hill, High Wycombe, Bucks. |

| Dip. No. | Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|---|
| 2581 | A. Oct. 1893 F. Mar. 1896 | *Fitt, Harry Charles .. .. | 21, Craven Avenue, Ealing, W. (Middlesex). |
| 2789 | Sep. 1895 | Fitzgerald, Peter David .. | Estate Office, Adare, Co. Limerick. |
| 7664 | Nov. 1916 | Fitzherbert, Bertram Richard Edward .. .. | Black Castle, Navan, Co. Meath. |
| 4165 | A. Oct. 1903 F. Apr. 1914 | *Flatt, John Alexander .. | c/o Messrs. Ellis & Sons, 45, Fen church Street, E.C.3. |
| 3504 | Oct. 1899 | *Fletcher, Sir Banister Flight, F.R.I.B.A. .. .. .. .. .. | 1, King's Bench Walk, Temple, E.C.4 |
| 4166 | A. Oct. 1903 F. Apr. 1911 | *Fleuret, Alfred Harman .. | 22, Bloomsbury Square, W.C. |
| 8782 | Jan. 1922 | Flew, John .. .. .. .. | Tyrell Street Chambers, 55, Tyre Street, Bradford. |
| 5449 | A. Oct. 1908 F. June 1914 | *Flint, William Fielder .. .. | Eastnor, Cassiobury Park Avenu Watford, Herts. |
| 749 | A. Feb. 1882 F. June 1891 | Flint, William Hurst .. .. | 11, Searle Street, Lincoln's Inn Field W.C. |
| 5927 | A. Oct. 1910 F. Feb. 1919 | *Floyd, Arthur Noel .. .. | Messrs. Dixon & Floyd, 83, Colmor Row, Birmingham. |
| 7820 | A. Nov. 1918 F. July 1919 | *Foot, Harold John .. .. | 15, Barn Hill, Stamford, Lincs. |
| 2067 | May 1891 | Forbes, Charles Mansfeldt.. | 14, New Street, York. |
| 7521 | Oct. 1914 | *Ford, Andrew .. .. .. .. | 7, Gildredge Road, Eastbourne. |
| 6239 | A. Oct. 1911 F. Apr. 1922 | *Ford, Francis Curtis .. .. | 9, Old Jewry Chambers, E.C.2. |
| 2238 | Nov. 1891 | Ford, Lawton Robert .. .. | 32, Orchard Street, Oxford Stree W.1. |
| 4950 | A. Oct. 1906 F. Feb. 1918 | *Ford, Richard Dickins Lancelot .. .. .. .. | 155, Old Kent Road, S.E. |
| 7513 | Oct. 1914 | Forestier-Walker, Charles Evelyn .. .. .. .. .. | 31, Charles Street, Cardiff. |
| 5096 | Oct. 1907 | *Forshaw, William .. .. .. | Valuation Office, Howard Pla Hanley, Staffordshire. |
| 7549 | Feb. 1915 | Forster, Thomas Emerson .. | 3, Eldon Square, Newcastle-on-Ty |
| 3045 | A. June 1896 F. Dec. 1919 | *Foster, Edward Charles .. | 54, Pall Mall, S.W. |
| 3375 | A. Oct 1898 F. Dec. 1914 | *Foster, Henry Helm .. .. | Bank Chambers, 169, Balham H Road, S.W.12. |
| 5668 | A. Oct. 1909 F. Apr. 1919 | *§Foster, Henry Oswald .. .. | Valuation Office, Lincoln's Inn Fiel W.C.2. |
| 2519 | A. Nov. 1892 F. Nov. 1895 | *Foster, James Herbert Furmedge | The Rolle Estate Office, Exmou Devon. |
| 3829 | A. Oct. 1901 F. Oct. 1915 | *Foster, William Arthur, A.M.I.C.E. .. .. .. .. .. | The Butts, Rochdale, Lancs. |
| 5450 | A. Oct. 1908 F. Nov. 1912 | *Foster, William Frederick .. | 45, Nine Elms Lane, S.W.8. |
| 4421 | A. Oct. 1904 F. July 1922 | *Foulis, Archibald Keith .. | Hamilton Estates Office, The Pala Hamilton, Scotland. |

| Date of Election and of Transfer. | FELLOWS. | Address |
|---|---|---|
| A. Oct. 1899<br>F. Dec. 1904 | *Fowler, Alfred Charles Stanley .. .. .. .. .. | 45, Fore Street, Hertford. |
| A. Oct. 1902<br>F. Apr. 1913 | *Fowler, Cyril James .. .. | 67, Elms Road, S.W.4. |
| Oct. 1912 | Fowler, George H. .. .. .. | Estate Office, Kells. |
| May 1890 | Fowler, Gerard Edmund .. | Colmore House, 21, Waterloo Street, Birmingham. |
| Apr. 1890 | Fowler, Reginald William .. | 3, Hartshead, Sheffield. |
| Dec. 1887 | Fowler, Richard .. .. .. | 35, Silverbirch Road, Erdington, Birmingham. |
| Nov. 1891 | Fowler, William .. .. .. | 69, Temple Row, Birmingham. |
| A. Mar. 1895<br>F. June 1911 | *Fox, Charles Edward .. .. | 7, Rawson Street, Halifax. |
| A. Nov. 1918<br>F. Apr. 1920 | *Fox, Charles Horace, Lt.-Col., O.B.E., B.Sc., M.I.Struct.E. | 7 Rawson Street, Halifax. |
| Nov. 1891 | Fox, Charles James .. .. | 7, Rawson Street, Halifax. |
| Nov. 1890 | Fox, Edwin .. .. .. .. | 8, Allen House, Allen Street, Kensington, W.8. |
| A. Oct. 1900<br>F. Dec. 1902 | *Fox, Ernest .. .. .. .. | 44–50, Old Christchurch Road, Bournemouth. |
| A. Oct. 1894<br>F. Oct. 1899 | *Fox, Frederick Russell .. | Grove Hill, Barnstaple, Devon. |
| A. Oct. 1904<br>F. Nov. 1909 | *Fox, Sidney Joseph .. .. | Finsbury Court, Finsbury Pavement, E.C. |
| A. Oct. 1900<br>F. Jan. 1904 | *Fox, William .. .. .. .. | 44 to 50, Old Christchurch Road, Bournemouth. |
| Jan. 1889 | Francis, George Futvoye .. | 20, Thurleigh Road, S.W.12. |
| A. Oct. 1901<br>F. June 1906 | *Francis, John, Major, D.S.O. .. | The Mount, Carmarthen. |
| Mar. 1890 | Francis, Leon Albert .. .. | Vernon House, Sicilian Avenue, Bloomsbury Square, W.C.1. |
| Jan. 1922 | Francis, Leon Alfred John.. | Vernon House, Sicilian Avenue, Bloomsbury Square, W.C.1. |
| A. Oct. 1911<br>F. Apr. 1919 | *Francis, Reginald Herbert.. | Vernon House, Sicilian Avenue, Bloomsbury Square, W.C.1. |
| A. Feb. 1900<br>F. Mar 1922 | *Francis, Ronald Garnham | 33, Hill's Avenue, Cambridge. |
| Oct. 1911 | Frank, Sir Howard, Bt., G.B.E., K.C.B. .. .. .. .. .. | 20, Hanover Square, W. |
| A. Oct. 1906<br>F. July 1913 | *Frank, Thomas Peirson, A.M.I.C.E. .. .. .. .. .. | City Hall, Cardiff. |
| May 1890 | Franklin, Arthur Thomas .. | 25, Ludgate Hill, E.C. |
| A. Nov. 1891<br>F. Feb. 1895 | *Franklin, Benjamin Belgrove | 33, King Street, Luton, Beds. |
| Sep. 1895 | Franks, Harry (*Member of Council*) | Woodbrook, Mountrath, Queen's County. |
| A. Jan. 1891<br>F. Dec. 1894 | *Fraser, William (*Member of Council*) .. .. .. .. .. | 209, St. Vincent Street, Glasgow. |
| Oct. 1924 | *Fread, Horace Charles .. | Millmead, Lower Green, Esher. |

| Dip. No. | Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|---|
| 8032 | A. Oct. 1919<br>F. Dec. 1921 | *FREEMAN, ARCHIBALD FRANCIS | 4 and 5, Charles Street, St. James Square, S.W.1. |
| 5931 | A. Oct. 1910<br>F Oct. 1920 | *FREEMAN, DUDLEY SEARLE .. | Tunbridge Wells. |
| 1114 | A. Feb. 1884<br>F. Apr. 1890 | FREEMAN, SYDNEY .. .. .. | Tunbridge Wells, and 28, Queen Street, Cheapside, E.C. |
| 6640 | A. Oct. 1912<br>F. Nov. 1914 | *FREMANTLE, PERCY WARWICK .. | Cranbrook, Woodside Road, New Malden, Surrey. |
| 3991 | A. Oct. 1902<br>F. Apr. 1911 | *FRENCH, CECIL GEORGE, MAJOR | 4, Wentworth Park, Church End Finchley, N. (Middlesex). |
| 7647 | Nov. 1916 | FREW, DAVID LANDALE.. .. | 45, Hope Street, Glasgow. |
| 5847 | Oct. 1910 | *FREW, GORDON THOMSON.. .. | 227, West George Street, Glasgow. |
| 8786 | Jan. 1922 | FROUD, MAYNARD .. .. .. | 1, St. Stephen's Chambers, Baldwin Street, Bristol. |
| 7164 | A. Oct. 1913<br>F. July 1920 | *FULLER, ERNEST BENJAMIN .. | Cornmarket, Louth, Lincs. |
| 1124 | A. Mar. 1884<br>F. Apr. 1891 | FULLER, THOMAS ALFRED .. | The College, All Saints', Derby. |
| 2953 | A. Oct. 1895<br>F. Sep. 1905 | *FUNNELL, HORACE DENSTON .. | 14, Mecklenburgh Square, W.C.1. |
| 751 | A. Feb. 1882<br>F. Apr. 1922 | FURBER, HENRY AUBREY .. | 3, Warwick Court, Gray's Inn, W.C. |
| 3226 | A. Oct. 1897<br>F. Jan. 1901 | *FURMEDGE, JOHN HARRIS .. | 111, Baker Street, W.1. |
| 417 | Jan. 1876 | GAIRDNER, EDWARD JAMES .. | St. Neots, Huntingdonshire. |
| 2004 | Mar. 1891 | GALE, ERNEST SEWELL .. .. | 15, New Bridge Street, E.C. |
| 4424 | A. Oct. 1904<br>F Mar. 1920 | *GALE, HAROLD JAMES .. .. | Market Place, Wallingford, Berkshire |
| 3683 | A. Oct 1900<br>F. Nov. 1901 | *GALE, HARRY .. .. .. .. | High Street, Egham, Surrey. |
| 7492 | Oct. 1914 | GALLETLY, WILLIAM HALDANE.. | Greenside, Walton, near Wakefield |
| 1693 | A. Jan. 1890<br>F. Apr. 1922 | GALSWORTHY, VINCENT SOMERS | 26, Dover Street, W. |
| 1713 | Feb. 1890 | GAMBLE, SIDNEY GOMPERTZ, A.M.I.C.E. | 16, Queen Anne's Gardens, Bedford Park, W.4. (Middlesex). |
| 3377 | A. Oct. 1898<br>F. Nov. 1899 | *GARDINER, ROBERT STRACHAN.. | 16, Crane's Drive, Surbiton, Surrey. |
| 2520 | A. Nov. 1892<br>F. Mar. 1895 | *GARDNER, GILBERT .. .. .. | Crawley, Sussex. |
| 4690 | A. Oct. 1905<br>F. May 1924 | *GARDNER, JAMES .. .. .. | 19, Grosvenor Road, Richmond, Surrey. |
| 8787 | Jan 1922 | GARLAND, HUGH CORNWALL .. | Colonial Chambers, 24, Market Place, Manchester. |

| Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|
| A. Oct. 1905<br>F. Apr. 1916 | *Garnham, Edwin Alfred Vickery | Valuation Office, Martlett House, Bow Street, W.C.2. |
| A. Nov. 1890<br>F. Oct. 1907 | *Garrard, Arthur Norman (*Hon. Secretary*) | 4 and 5, Charles Street, St. James's Square, S.W. |
| Nov. 1891 | Garrard, Norton Burroughs | Hoxne, near Diss (Suffolk). |
| Oct. 1920 | Garrioch, John T. .. .. | Croyard, Beauly, Inverness. |
| Nov. 1891 | Garrood, Thomas William M | 3, Kingly Street, Regent Street, W.1, and Badgers Mount, Knockholt, Kent. |
| Feb. 1915 | Garton, Walter T. .. .. .. | The Ellerbeck Colliery Office, Adlington, near Chorley, Lancs. |
| Oct. 1909 | Garvey, George Bloomfield, M.E. | 5, Park Road, Wimbledon, S.W.19 (Surrey). |
| Sep. 1895 | Garvey, Toler Robert .. .. | Estate Office, Birr. |
| May 1890 | Gate, Alfred Joseph .. .. | Fleet Farm, Lamarsh, near Bures, Suffolk. |
| Jan. 1882 | Gater, Caleb William .. .. | The Grange, Winterbourne Dauntsey, Salisbury. |
| A. Oct. 1906<br>F. Apr. 1915 | *Gawith, Harrison .. .. .. | City Surveyor's Office, Town Hall, Manchester. |
| Jan. 1922 | Gayton, Harold .. .. .. | 22, Kenilworth Road, The Polygon, Southampton. |
| Oct. 1913 | *Geen, Walter, M.A. (*Cantab.*).. | 57, Waterloo Road, S.E. |
| Nov. 1891 | Gelder, Sir William Alfred, F.R.I.B.A. .. .. .. .. .. | 120, Alfred Gelder Street, Hull. |
| A. Oct. 1899<br>F. May 1905 | *Genge, William Pope, Jun. .. | c/o Messrs. Rumball & Edwards, St. Alban's, Herts. |
| A. Nov. 1892<br>F. Nov. 1895 | *§German, George .. .. .. | Rawdon Terrace, Ashby-de-la-Zouch. |
| Oct. 1914 | German, George Joseph .. | Ashby-de-la-Zouch. |
| May 1891 | German, Harry.. .. .. .. | Estate Office, Newstead Abbey, Linby, Notts. |
| Feb. 1883 | German, John .. .. .. .. | Ashby-de-la-Zouch. |
| Oct. 1921 | Gethin, Randolph George, Major, M.B.E. | Estate Office, 17, Beresford Street, Waterford. |
| A. Jan. 1886<br>F. Nov. 1890 | *§Gibbon, Wm. Jacomb, A.R.I.B.A. | 32, Great James Street, Bedford Row, W.C.1. |
| A. Dec. 1889<br>F. May 1893 | *Giddy, Osman Horton .. .. | Maidenhead, Berks. |
| A. Oct. 1908<br>F. Apr. 1919 | *Gifford, Egmont Augustus .. | 123, Victoria Street, S.W. |
| Jan. 1922 | Gilbert, Frank Myles .. .. | 137, Rock Avenue, Gillingham, Kent. |
| A. Oct. 1904<br>F. Jan. 1909 | *Gilbert-Lodge, Edward Morton .. .. .. .. .. .. | Royal Yacht Club, Bombay. |
| Feb. 1899 | Gilchrist, John.. .. .. .. | 81, Hope Street, Glasgow. |
| Oct. 1911 | *Giller, Charles Frederick .. | 12, Lansdowne Avenue, Slough, Bucks. |

| Dip. No. | Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|---|
| 7171 | A. Oct. 1913<br>F. Nov. 1916 | *Giller, George Samuel, M.B.E. | District Valuer's Office, Custom Hous Commercial Road, Gloucester. |
| 6934 | A. Oct. 1910<br>F. Oct. 1920 | *Gillett, Edward Bailey .. | 4 & 5, Charles Street, St. Jame Square, S.W.1. |
| 3834 | A. Oct. 1901<br>F. May 1909 | *Gimson, Allen .. .. .. .. | 16, Woodridings Avenue, Hatch End Middlesex, and 111/113, Grea Portland Street, W.1. |
| 6487 | Oct. 1912 | *Girling, Robert James .. .. | Felix Chambers, Felixsto we, Suffolk. |
| 4426 | A. Oct. 1904<br>F. Jan. 190[illegible] | *Glasier, Edward Brougham.. | Grafton House, 12 and 13, Grafto Street, Piccadilly, W. |
| 6253 | A. Oct. 1911<br>F. Apr. 1922 | *Gledhill, James Herbert .. | 120, Old Kent Road, S.E. |
| 6447 | A. Feb. 1912<br>F. Dec. 1920 | *Gledhill, Sidney Verity .. | 203, Borough High Street, S.E.1. |
| 4172 | A. Oct. 1903<br>F. Dec. 1909 | *Gleed, Percival Francis .. | 8 and 9, Martin's Lane, Cannon St., E.C |
| 1702 | Jan. 1890 | Gleed, Richard Cummings .. | 8 and 9, Martin's Lane, Cannon St., E. |
| 5368 | Oct. 190[illegible] | Glen, James .. .. .. .. | Ashfield, Park Place, Stirling. |
| 2801 | Sep. 1895 | Gloster, Thomas Edward .. | Estate Office, Knockdrin Castle Mullingar, co. Westmeath. |
| 6654 | A. Oct. 1912<br>F. Dec. 1922 | *Glover, Cecil Miller .. .. | Daimler House, 33, Paradise Stree Birmingham. |
| 2672 | A. Oct. 1894<br>F. June 189[illegible] | *Glover, Henry Alexander .. | 18, Riggindale Road, Streatham, S.W.16. |
| 4602 | Oct. 1905 | Goadby, Francis Hubert, A.M.I.C.E. | Works Department, H.M. Dockyar Chatham. |
| 3095 | A. Oct. 1896<br>F. Oct. 1900 | *Goadby, Howard, Lt.-Col. .. | 17, Cossington Road, Westcliff-on-Sea |
| 4174 | A. Oct. 1903<br>F. Apr. 1911 | *Godding, Frank Horatio .. | 40, Hans Place, S.W. |
| 5455 | A. Oct. 1908<br>F. July 1921 | *Godfrey-Payton, Walter .. | 2, Bridge End, Warwick. |
| 3228 | A. Oct. 1897<br>F. Feb. 1900 | *Goldsmith, Douglas Fleet .. | Lavant Street, Petersfield, Hants. |
| 8937 | Nov. 1922 | *Gooch, Charles David .. .. | 2, Princes Street, Hanover Squar W.1. |
| 7665 | Nov. 1916 | Good, Thomas Morgan .. .. | 21, Lincoln Place, Dublin. |
| 9152 | Oct 1923 | *Goodacre, John Frank Johnson, Lic. R.I.B.A. .. .. | 19, Park Street, Worksop, Notts. |
| 3685 | A. Oct. 1900<br>F. Nov. 1905 | *Goodbody, Fredk. Allen Sturge .. .. .. .. .. | 11, Orchard Street, Bristol. |
| 3994 | A. Oct. 1902<br>F. Oct. 1909 | *Goodchild, Ralph Harry .. | 4, Belgrave Square, Goldsmith Stre Nottingham. |
| 3836 | A. Oct. 1901<br>F. Nov. 1909 | *Goodchild, Walter Charles.. | 23, Ely Place, E.C.1. |
| 4883 | Oct. 1906 | Gooding, William Alfred .. | Arndilly, York Road, St. Albans, H fordshire. |
| 3343 | A. Oct. 1899<br>F. Dec. 1904 | *Goodman, Alfred .. .. .. | 35, Bucklersbury, E.C. |
| 1546 | Jan. 1889 | Goodwyn, Leonard William.. | 20 Portman Street, Portman Squ W. |

| Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|
| Feb. 1902 | *Gordon, Alexander .. .. .. | 97, Queen Victoria Street, E.C. |
| Oct. 1908 | Gordon, Alexander William Robert .. .. .. .. .. | 3, Parliament Square, Edinburgh. |
| Oct. 1920 | Gorman, James .. .. .. | 6, Ely Place, Dublin. |
| Oct. 1920 | *†Gosling, John Henry Charles | Town Hall, Portsmouth. |
| Jan. 1922 | Goss, Harry Charles .. .. | 2A, Fleet Street, Torquay. |
| Nov. 1891 | Gott, Charles Henry, M.I.C.E. (*Member of Council*) | Valuation Office, 29, Manor Row, Bradford. |
| A. Oct. 1910 F. Nov. 1914 | *Gott, Ralph Edgar .. .. | Valuation Office, Inland Revenue, Lincoln's Inn Fields, W.C.2. |
| A. Oct. 1908 F. Apr. 1924 | *Goulder, Arthur Christopher .. .. .. .. .. | 38, Sackville Street, Piccadilly, W.1. |
| A. Feb. 1897 F. May 1897 | *Goulding, Arthur .. .. .. | 41, Moorgate Street, E.C. |
| A. Oct. 1905 F. June 1914 | *Gowing, Charles Towler .. | Old Bank of England Court, Queen Street, Norwich. |
| A. Oct. 1910 F July 1920 | *Grace, Edward Nathaniel | Kendalls Building Estate Office, Radlett, Herts. |
| A. Oct. 1905 F. Oct. 1915 | *‡Graham, Henry Cecil .. .. | 5, Great College Street, Westminster Abbey, S.W. |
| A. Oct. 1913 F. Sept. 1917 | *Grant, Herbert Mitchell, Capt. .. .. .. .. | "Bengarth," Blairgowrie, Perthshire. |
| A. Dec. 1882 F. Jan. 1885 | Grant, James .. .. .. .. | Glandwr, Llanidloes, Montgomeryshire. |
| A. Dec. 1889 F. Apr. 1922 | Grant, Joseph .. .. .. | 103, George Street, Croydon. |
| A. Oct. 1897 F. Mar. 1909 | *Gray, Horace Norman .. .. | 334, Commercial Road, E. |
| A. Oct. 1909 F. Oct. 1910 | *Gray, John .. .. .. .. .. | 15, Claremont, Alloa, N.B. |
| A. Oct. 1909 F. June 1914 | *Gray, John Vincent .. .. | 1, Lewisham Hill, S.E.13. |
| A. Oct. 1893 F. Apr. 1922 | Gray, Percy William .. .. | 29, St. Andrew's Street, Cambridge. |
| Oct. 1914 | Greaves, Percy Christian .. | Wakefield, Yorkshire. |
| Oct. 1914 | Green, Albert Thomas .. | Ministry of Finance, Valuation Branch, 113, Royal Avenue, Belfast. |
| A. Oct. 1896 F. July 1907 | *Green, Arthur Edward .. .. | 57, London Road, Southampton. |
| A. May 1891 F. May 1897 | *Green, Edmund Horace .. .. | 10, Carew Road, Eastbourne. |
| A. Oct. 1893 F. May 1897 | *‡Green, Frederick Algernon .. | 93, Cannon Street, E.C. |
| A. Dec. 1883 F. Oct. 1913 | Green, James Henry Townsend .. .. .. .. | 22, Chancery Lane, W.C. |
| A. Oct. 1920 F. Apr. 1921 | *Green, Joseph Alexander .. | Manor Terrace, Eckington, near Sheffield. |
| A. Dec. 1887 F. Apr 1922 | Green, Thomas John .. .. | 13, King Street, Maidstone. |
| A. Oct. 1909 . Nov. 1912 | *Greenaway, Joseph Reginald | 11, Friar Street, Reading. |
| Oct. 1920 | Gregg, Joseph C. .. .. | 6, Ely Place, Dublin. |

† Special Sanitary Science Diploma. ‡ Special Forestry Diploma.

| Dip. No. | Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|---|
| 3150 | Feb. 1897 | GREGORY, ALFRED, COL., O.B.E. | Walden House, Beltinge Road, Hern Bay. |
| 8791 | Jan. 1922 | GREGORY, CHARLES WILLIAM.. | 23, Clare Street, Bristol. |
| 2955 | A. Oct. 1895 F. June 1896 | *GREGSON, GEORGE ERNEST .. | 106, Lord Street, Southport. |
| 5168 | A. Oct. 1907 F. July 1919 | *GREY, GEORGE WILLIS .. .. | c/o Hong Kong Realty & Trust Co. Ltd., Powells Bldgs., Des Voeu Road, Central Hong Kong, China and c/o G. Dunsmore, 1, Garthorn Road, Honor Oak Park, S.E.23. |
| 3673 | A. Oct. 1894 F. May 1896 | *GRIFFIN, ALFRED.. .. .. .. | 47, South Street, Greenwich, S.E. |
| 2073 | May 1891 | GRIFFIN, HAROLD .. .. .. | 54, High Street, Battersea, S.W 22, Water Lane, Great Towe Street, E.C.3, and 191, Lavende Hill, Clapham Junction, S.W. |
| 5673 | A. Oct. 1909 F. Dec. 1920 | *GRIFFIN, HAROLD, JUN. .. | 54, High Street, Battersea, S.W 22, Water Lane, Great Towe Street, E.C.3, and 191, Lavende Hill, Clapham Junction, S.W. |
| 5679 | A. Oct. 1909 F. Apr. 1920 | *GRIFFITH, FRANK STANLEY .. | 17, Bedford Row, W.C.1. |
| 7485 | Oct. 1914 | GRIFFITHS, WILLIAM THOMAS .. | Uplands, Tygwyn Road, Penylar Cardiff. |
| 6261 | A. Oct. 1911 F. Apr. 1924 | *GRIMWADE, FREDERICK CLIVE | 5, Overstrand Mansions, S.W.11. |
| 5459 | A. Oct. 1908 F. Oct. 1910 | *GRIMWOOD, ARTHUR .. .. .. | Valuation Dept., I.R., 52, Bridg Street, Walsall, Staffs. |
| 6566 | A. Oct. 1912 F. Dec. 1920 | *GRIMWOOD, HERBERT GEORGE, CAPT. | c/o Consulting Architect, P.W.D Government of Bombay, Bomba |
| 4428 | A. Oct. 1904 F. July 1921 | *GRIPPER, JOHN BELL .. .. | 28, Victoria Street, S.W.1. |
| 3379 | A. Oct. 1898 F. Dec. 1901 | *GRIPPER, JOSEPH EDWARD .. | Manor House Farm, Brampton, Huntingdon. |
| 5169 | A. Oct. 1907 F. Oct. 1910 | *GROVE, ALBERT .. .. .. .. | 2, Parkfield Terrace, Stourbridge Worcestershire. |
| 1727 | A. Feb. 1890 F. Jan. 1893 | *GROVER, ARTHUR .. .. .. | 18, Charing Cross Road, W.C. |
| 3995 | A. Oct. 1902 F. Dec. 1909 | *GROVES, ARNOLD TUDOR .. .. | 125, High Holborn, W.C. |
| 7978 | Oct. 1919 | GUILD, JAMES LYON .. .. .. | 71, George Street, Edinburgh. |
| 4328 | Oct. 1904 | GUINNESS, HOWARD RUNDELL.. | 16, College Green, Dublin. |
| 6962 | A. Feb. 1913 F. Apr. 1922 | *GUIVER, DUDLEY .. .. .. | 45, High Street, Ponder's En Middlesex. |
| 8096 | Oct. 1920 | GUNSON, ERNEST .. .. .. | 10, Marsden Street, Manchester. |
| 1550 | A. Jan. 1889 F. May 1900 | *GUNTER, JAMES .. .. .. .. | Estate Office, Glasbury, Radnorshire |
| 8938 | Nov. 1922 | *GUNTON, WILLIAM HENRY .. | Finsbury House, E.C.2. |
| 8037 | A. Oct. 1919 F. Oct. 1920 | *GURNEY, FREDERICK GEORGE | 6, George Street, Euston Roa N.W.1. |

| Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|
| A. Oct. 1911<br>F. July 1919 | *HACKETT, WILLIAM JENNENS, M.B.E. | 25, Coquet Terrace, N. Heaton, Newcastle-on-Tyne. |
| A. Oct. 1912<br>F. June 1914 | *HADDEN, HARRY HAROLD .. | Public Trustee's Office, Lincoln's Inn Fields, W.C. |
| A. Oct. 1912<br>F. July 1923 | *HADFIELD, EDWARD .. .. | 42, Deansgate, Manchester. |
| Jan. 1922 | HADLAND, GILBERT HENRY .. | 67, George Street, Portman Square, W.1. |
| A. Dec. 1889<br>F. Aug. 1893 | *HADLEY, FRANK.. .. .. .. | Lillybrook, Kemerton, Tewkesbury, Glos. |
| A. Oct. 1905<br>F. Dec. 1922 | *HAGGER, ALBERT JAMES .. | 10, Lowther Road, Bournemouth. |
| A. Nov. 1892<br>F. Oct. 1896 | *HAIGH, THOMAS FREDERICK .. | 7, Friar Lane, Leicester. |
| A. Oct. 1911<br>F. July 1921 | *HAILEY, VICTOR .. .. .. | 3, Minster Yard, Lincoln. |
| A. Oct. 1909<br>F. June 1910 | *HALE, HARRY BARNES .. . | 6, Queen Anne's Gate, Westminster, S.W.1. |
| Nov. 1891 | HALE, RAYMOND HENRY .. .. | 6, Queen Anne's Gate, S.W. |
| A. Oct. 1900<br>F. Feb. 1910 | HALL, AUGUSTUS WILLIAM .. | 129, North Road, Belfast. |
| A. May 1884<br>F. Oct. 1914 | HALL, CHARLES PELL.. .. .. | Crowholt Lodge, Woburn, Beds. |
| Oct. 1904 | HALL, DAVID .. .. .. .. | 69, South Mall, Cork. |
| May 1881 | HALL, ERNEST .. .. .. .. | 56, Commercial Road, Portsmouth. |
| A. Oct. 1905<br>F. Oct. 1910 | *HALL, FRANCIS SAMUEL .. .. | 8, Westmoreland Street, Dublin. |
| A. Oct. 1896<br>F. June 1897 | *HALL, JOHN HERBERT .. .. | 1, Cooper Street, Manchester, and "Mill House," Mobberley, near Knutsford, Cheshire. |
| A. Oct. 1899<br>F. Oct. 1912 | HALL, JOHN SEBASTIAN .. .. | Caseta, Copse Lane, Walberton, nr. Arundel. |
| A. Oct. 1910<br>F. Dec. 1920 | *HALL, RODERICK GLENDINNING | Maryfield, Eastdean, Eastbourne. |
| A. Oct. 1904<br>F. Nov. 1912 | *HALL, VERNON MANNING .. .. | 38, Chancery Lane, W.C.2. |
| Jan. 1922 | HALL, WILLIAM JAMES .. .. | 28, Victoria Street, Westminster, S.W.1. |
| A. Jan. 1886<br>F. June 1891 | *§HALL, WILLIAM TIMOTHY (*Member of Council*) .. .. | College Hill, Shrewsbury. |
| May 1884 | HALLETT, WILLIAM BROWN .. | Essworthy, Yelverton, S. Devon. |
| A. Apr. 1889<br>F. Dec. 1891 | *HALL-JONES, FREDERICK .. .. | Parliament Mansions, Victoria St., S.W., and 35, The Broadway, Ealing, W. (Middlesex). |
| A. Oct. 1911<br>F. July 1920 | *HAMILL, JOHN, B.A. .. .. | 7, Amersham Hill, High Wycombe, Bucks. |
| Oct. 1911 | *HAMILTON, CHARLES .. .. .. | Laurieston, Falkirk, N.B. |

| Dip. No. | Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|---|
| 2804 | Sep. 1895 | HAMILTON, EDWARD CHETWOOD, MAJOR .. .. .. .. .. | 91, Merrion Square, W. Dublin. |
| 8105 | Oct. 1920 | HAMILTON, JAMES ALEXANDER FREDERICK HENRY, MAJOR | 18, George Street, Edinburgh. |
| 5337 | Feb. 1908 | HAMILTON, JOHN COCHRANE .. | 53, Hanover Street, Edinburgh. |
| 6488 | Oct. 1912 | *HAMILTON, THOMAS WELSH .. | Mansion House, Greenock. |
| 5172 | A. Oct. 1907 F. July 1921 | *†HAMLYN, ERIC HENLEY .. | 9, Southampton Street, Bloomsbury W.C.1. |
| 5685 | A. Oct. 1909 F. June 1919 | *HAMLYN, JOHN ARTHUR .. .. | Hill Drive House, Pollards Hill North Norbury, S.W.16. |
| 6678 | A. Oct. 1912 F. Dec. 1922 | *HAMMOND, EDMUND BLAND .. | 66, St. Mary's Road, Manningham Bradford. |
| 5849 | Oct. 1910 | *HAMMOND, FREDERIC SNOWDEN, D.S.O. | Cripplegate Institute, Golden Lane E.C.1. |
| 2525 | A. Nov. 1892 F. Apr. 1922 | HANKINSON, FRANCIS HENRY.. | Richmond Chambers, Bournemouth |
| 2266 | Nov. 1891 | HANSON, JOHN HENRY, M.I.C.E. (*Past-President*) .. .. .. | 11, Cloth Hall Street, Huddersfield. |
| 8939 | Nov. 1922 | *HARDCASTLE, DONALD ALDERSON .. .. .. .. | Estate Office, Pwllheli, N. Wales. |
| 642 | Dec. 1881 | HARDCASTLE, FREDERICK HENRY APPLETON, A.R.I.B.A. (*Member of Council*) .. .. .. .. | 197, Victoria Street, S.W.1. |
| 6266 | A. Oct. 1911 F. Mar. 1920 | *HARDIE, EBENEZER ROBERT .. | 9, Sunbury Avenue, Newcastle-on-Tyne. |
| 4431 | A. Oct. 1904 F. June 1912 | *HARDING, CHARLES REGINALD, MAJOR | County Agricultural Office, County Hall Annexe, Kingston-on-Thames and Leigh Mount, Cobham, Surrey. |
| 5686 | A. Oct. 1909 F. July 1920 | *HARDY, ERNEST CARLISLE .. | 5, Gainsborough Road, Bedford Park W.4 (Middlesex). |
| 1482 | Apr. 1888 | HARDY, RICHARD THOMAS ASH.. | Land Agency and Estate Offices, Carter Street, Uttoxeter, Staffordshire. |
| 8115 | Oct. 1920 | *HARFIELD, ALFRED GEORGE | "Wellesley," Cavendish Avenue, Finchley, N.3 (Middlesex). |
| 4610 | Oct. 1905 | *HARGRAVE, WILLIAM HARRISON, A.M.I.C.E. (*Ireland*) | 68, Grosvenor Square, Rathmines, Dublin. |
| 4182 | A. Oct. 1903 F. Oct. 1910 | *HARLAND, HENRY CHAPMAN .. | Holly Nook, Burwood Park Road, Walton-on-Thames. |
| 2007 | Mar. 1891 | HARLE, JOHN JOSEPH.. .. .. | Charfield Honor, Charfield, Gloucestershire. |
| 5174 | A. Oct. 1907 F. Oct. 1913 | *HARMER, ERNEST FREDERICK.. | 29, Havelock Road, Southampton |
| 614 | A. Feb. 1881 | HARPER, SIR EDGAR JOSIAH | |
| 4320 | F. Oct. 1904 | (*Member of Council*) .. .. | 167, Denmark Hill, S.E.5. |
| 4846 | Feb. 1906 | HARRIS, ARNOLD ELSMERE .. | 117, Colmore Row, Birmingham. |

† Special Sanitary Science Diploma.

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|---|---|---|
| A. Oct. 1901<br>F. Jan. 1922 | HARRIS, DOUGLAS .. .. .. | 7, John Street, Adelphi, W.C.2. |
| A. Oct. 1905<br>F. Apr. 1913 | *HARRIS, EDWARD CHARLES .. | 39, Bloomsbury Square, W.C. |
| Jan. 1922 | HARRIS, JOHN HENRY .. .. | Royal Liver Buildings, Liverpool. |
| A. Oct. 1912<br>F. Sept. 1917 | *HARRISON, FRANK FOX .. .. | 51, Lower Hall Lane, Walsall, Staffs. |
| Oct. 1903 | *HARRISON, FREDERICK .. .. | 1, Redcliffe Road, Nottingham. |
| A. Oct. 1894<br>F. Apr. 1901 | *§HARRISON, GEORGE JOHN ROBERTSON | Valuer's Office, 20, Princes Square, Plymouth. |
| Jan. 1922 | HARRISON, LEONARD CHARLES | Linton, near Ross-on-Wye, Herefordshire. |
| A. Oct. 1920<br>F. July 1922 | *HARRISON, PERCY .. .. .. | Town Hall, Middleton, Lancs. |
| Feb. 1899 | HART, JOHN .. .. .. .. | Cowie Mains, Stonehaven, Kincardineshire. |
| A. Oct. 1908<br>F. Dec. 1911 | *HARTFREE, GEORGE BERTRAM.. | Municipal Offices, Bridge Street, Godalming, Surrey. |
| Mar. 1895 | HARTLEY, HENRY (*Member of Council*) | Bristowe Chambers, 8, Harrington Street, Liverpool. |
| Sep. 1895 | HARVEY, JAMES GEO. MOREWOOD | Northern Bank Buildings, Londonderry. |
| A. Oct. 1912<br>F. Apr. 1924 | *HARVEY, WILLIAM AYTON .. | Eaton Chambers, 60, Buckingham Palace Road, S.W.1. |
| A. Oct. 1912<br>F. Dec. 1920 | *HASKINS, FREDERICK CYRIL, MAJOR | Kenmore, Thrale Road, Streatham, Park, S.W. |
| A. Jan. 1889<br>F. Oct. 1891 | HASKINS, WILLIAM ALBION .. | 2, Tanfield Court, Temple, E.C. |
| A. Dec. 1889<br>F. Aug. 1893 | *HASLAM, DRYLAND .. .. .. | Friar Street Chambers, Reading. |
| A. May 1883<br>F. Apr. 1889 | *HASLUCK, LANCELOT GERALD .. | Green Hill Park, New Barnet, Herts. |
| Oct. 1914 | HASSAM, ARTHUR .. .. .. | Newcastle, Staffs. |
| A. Oct. 1898<br>F. Dec. 1922 | *HASSETT, REGINALD CHARLES | 1, Mitre Court Buildings, Temple, E.C.4. |
| Oct. 1920 | *HATHAWAY, PERCY WILLIAM .. | City Architect, Municipal Offices, Calcutta. |
| Oct. 1909 | HATTE, WILLIAM MUNDAY .. | 6, Molesworth Street, Dublin. |
| A. Oct. 1893<br>F. July 1922 | HAWES, FREDERICK KIRK .. | The Elms, Lowthorpe, E. Yorks. |
| A. Oct. 1904<br>F. July 1920 | *HAWKE, ROLAND WELSTEAD | Horning, Norwich. |
| Nov. 1891 | HAWKER, HARRY EDWIN .. .. | St. Peter's Chambers, Bournemouth. |
| A. Oct. 1903<br>F. June 1912 | *HAWKINS, EDWARD ROBINSON.. | The Old Rectory, Southacre, King's Lynn. |
| A. Oct. 1900<br>F. July 1903 | *HAWKINS, LANCELOT GOULDER.. | Downham Market, Norfolk. |
| A. Oct. 1903<br>F. Oct. 1914 | *HAY, PERCY GILBERT .. .. | Totland, Clifton Road, Wallington, Surrey. |
| Oct. 1919 | *§HAYDON, REGINALD ERNEST .. | 21, Portman Street, Portman Square, W.1. |
| A. Oct. 1913<br>F. Apr. 1920 | *HAYNES, ALGERNON RICHARD | Coney Court, Brigg, Lincs. |

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|---|---|---|---|
| 6688 | A. Oct. 1912<br>F. July 1920 | *HAYWARD, FRANK .. .. .. | 39 and 40, Temple Street, Birmin ham. |
| 1968 | A. Jan. 1891<br>F. Apr. 1894 | *HAYWARD, FREDERICK GEORGE, COLONEL .. .. .. .. | Market Square, Dover. |
| 644 | Dec 1881 | HAYWARD, HENRY .. .. .. | Dover. |
| 3233 | A. Oct. 1897<br>F. June 1900 | *HAYWARD, THOMAS WILLIAM ALFRED, A.M.I.C.E., M.I.M.E... | 38, Nightingale Lane, S.W.12. |
| 6689 | A. Oct. 1912<br>F. June 1914 | *HAYWOOD, CHARLES SPENCER.. | Higher Mount, 240, Burnley Roa Accrington, Lancs. |
| 6691 | A. Oct. 1912<br>F. Apr. 1919 | *HEAD, HAROLD GEORGE, B.A. (*Cantab.*) .. .. .. .. | 40, Baker Street, W. |
| 1673 | A. Dec. 1889<br>F. May 1891 | *§‖ HEAD, JOHN GEORGE .. .. | 40, Baker Street, W. |
| 3383 | A. Oct. 1898<br>F. Apr. 1901 | *HEALING, OSWALD JUDD .. .. | 21, Queen Anne's Gate, Westminst S.W. |
| 4330 | Oct. 1904 | HEARD, RICHARD.. .. .. .. | Ballintubber, Carrigtwohill, Co. Co |
| 3384 | A. Oct. 1898<br>F. Dec. 1903 | *HEATH, HENRY CUBITT .. .. | 15, New Bridge Street, E.C.4. |
| 3998 | A. Oct. 1902<br>F. May 1910 | *HEATH, JOHN LIONEL.. .. .. | 137, Worple Road, Wimbledon, S.W (Surrey). |
| 5177 | A. Oct. 1907<br>F. Oct. 1924 | *HEATH, SIDNEY HOWARD .. | 15, New Bridge Street, E.C.4. |
| 7759 | Nov. 1918 | *HEATHCOTE, ERNEST GRIGG, F.R.I.B.A. .. .. .. .. | 38, Parliament Street, S.W. |
| 892 | Jan. 1882 | HEATON, GEORGE HERBERT .. | Endon, near Stoke-upon-Trent, Sta |
| 5954 | A. Oct. 1910<br>F. Oct. 1924 | *HEATON, HERBERT .. .. .. | 41, Fishergate, Preston. |
| 1287 | A. Dec. 1885<br>F. July 1922 | HEBBLETHWAITE, CHARLES HENRY .. .. .. .. .. | 41, Commercial Street, Halifax. |
| 5178 | A. Oct. 1907<br>F. July 1923 | *¶HEDLEY, THEODORE FENWICK | 5, Northgate, Darlington. |
| 3047 | A. June 1896<br>F. Sep. 1902 | *HEMPHILL, CHARLES GEORGE CATHCART, MAJOR .. .. | 11, Ely Place, Dublin. |
| 7193 | A. Oct. 1913<br>N. Nov. 1922 | *§HEMPSON, LEONARD AMIS .. | West Hill. Copdock, Ipswich. |
| 5850 | Oct. 1910 | *HENDRY, ROBERT .. .. .. | Southcroft, Thornliebank, nr. Glasg |
| 4865 | A. Feb. 1906<br>F. Dec. 1919 | *HENNELL, CHARLES MURRAY .. | 19, Russell Square, W.C.1., and Brocks Wood Lane, Welwyn C den City, Herts. |
| 4187 | A. Oct. 1903<br>F. Nov. 1904 | *HENNIKER, FREDERICK SIBERT.. | Adelphi Terrace House, Adelphi, W |
| 4439 | A. Oct 1904<br>F. July 1922 | *HENSON, FREDERICK JASPER | 5, Mount Street, W. |
| 7195 | A. Oct. 1913<br>F. July 1920 | *HEPPER, EDWARD RAYMOND | The Close, Westwood Crescent, Headingly, Leeds. |
| 4713 | A. Oct. 1905<br>F. Dec. 1920 | *HEPWORTH, ERNEST ALFRED | 75, Princess Street, Manchester. |
| 4714 | A. Oct. 1905<br>F. Oct. 1914 | *HEPWORTH, HERBERT RAIKES, A.M.I.C.E. | County Surveyor's Office, Wakefi Yorkshire. |
| 1219 | Dec. 1884 | HERBERT, ALLAN.. .. .. .. | The Market Place, Andover, Hants |

‖ Sessional Papers Gold Medal. ¶ Special Rating Diploma.

| Date of Election and of Transfer | FELLOWS. | Address. |
|---|---|---|
| Jan. 1888 | HESKETT, WILLIAM JAMES.. .. | St. Andrew's Churchyard, Penrith, and Viaduct Chambers, Carlisle. |
| A. Oct. 1894<br>F. Dec. 1895 | *HEWARD, ERNEST JAMES .. .. | Northwood Lodge, Manor Road, Wallington, Surrey. |
| Oct. 1914 | HEWITT, CHARLES RICHARD .. | 122, London Road, Derby. |
| A. Oct. 1913<br>F. Jan. 1922 | HEWITT, DONALD .. .. .. | Meadow Bank, Manchester Road, Burnley. |
| A. Oct. 1904<br>F. Mar. 1920 | *HEWITT, FRANK .. .. .. | Karachi, The Drive, Coulsdon, Surrey. |
| A. Oct. 1905<br>F. Nov. 1913 | *HEWITT, FRANK .. .. .. .. | R.D.C. Offices, 18, Nicholas Street, Burnley. |
| Jan. 1922 | HEWITT, FRANK .. .. .. | Rowsley, Bramhall, Cheshire. |
| A. Oct. 1913<br>F. Oct. 1920 | *HEWLITT, HORACE JAMES .. | High Road, Weald Village, Harrow, Middlesex. |
| A. Oct. 1907<br>F. Nov. 1908 | *HEWS, THOMAS GREENSLADE .. | The Laurels, Swansea. |
| Sep. 1895 | HEWSON, GEORGE RAWDON MAURICE, CAPT. .. .. .. | Dromahaire, Co. Leitrim. |
| Feb. 1903 | *HIBBERT, JOSEPH VICTOR.. .. | 89, Thornlaw Road, West Norwood, S.E.27. |
| A. Oct. 1912<br>F. Apr. 1921 | *HIBBS, NORMAN HADLEY .. | c/o Messrs. Maggs & Maggs, Alton Chambers, Parkstone, Dorset. |
| A. May, 1883<br>F. Mar. 1922 | HICKS, STANLEY (*Member of Council*) | Lincoln House, 300, High Holborn, W.C.1. |
| A. Oct. 1895<br>F. Apr. 1922 | HICKS, WM. ROOKE, M.I.C.E. | Town Hall, Ealing, W. (Middlesex). |
| May 1891 | HICKSON, STEPHEN WESTBY .. | 95, Cannon Street, E.C.4. |
| Jan. 1884 | HIGGINS, FREDERIC .. .. .. | Alford, Lincolnshire. |
| A. Dec. 1889<br>F. May 1891 | *HIGGINS, GEORGE .. .. .. | 12, Finchley Road, St. John's Wood, N.W. |
| A. Oct. 1907<br>F. May 1909 | *HILL, GEORGE FINLAY BURD.. | Whitecraigs, Woodcote Avenue, Wallington, Surrey. |
| A. Nov. 1916<br>F. Oct. 1924 | *§HILL, WILLIAM .. .. .. | 41, North John Street, Liverpool. |
| Mar. 1886 | HILL, WILLIAM BURROUGH .. | 93, Above Bar, Southampton, Hants. |
| A. Jan. 1886<br>F. Mar. 1890 | HILLIARD, GEORGE EDWARD .. | Chelmsford. |
| A. Oct. 1899<br>F. May 1905 | *HINCHSLIFF, EDWARD ROBERT, A.M.I.C.E. | West Wood, Romilly Park, Barry, Glamorganshire. |
| May 1891 | HINCKS, HENRY THORP .. .. | Keyham, near Leicester. |
| Oct. 1912 | HINDE, WILLIAM HENN, M.I.C.E. | Selston, Greystones, Co. Wicklow. |
| Nov. 1891 | HINDS, HENRY .. .. .. .. | 57, Queen Street, Ramsgate, Kent. |
| A. Oct. 1910<br>F. Sep. 1919 | *HINE, ERNEST DARYLL .. .. | 26-32, Abbey House, Victoria Street, S.W.1. |
| A. Oct. 1906<br>F. July 1922 | *HINE, STANLEY GORDON.. .. | c/o Superintending Valuer (Home Counties North), Martlett House, Bow Street, W.C.2. |
| A. Oct. 1911<br>F. July 1912 | *HINES, ERNEST OWEN .. .. | 340, Norwich Road, Ipswich. |

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|---|---|---|---|
| 6489 | Oct. 1912 | *HINES, HERBERT .. .. .. .. | 46, Pilgrim Street, Newcastle-on-Ty |
| 8797 | Jan. 1922 | HINGSTON, FREDERIC WILLIAM .. .. .. .. | 9, Old Square, Lincoln's Inn, W.C. |
| 3385 | A. Oct. 1898 F. Oct. 1910 | *HINKS, HENRY .. .. .. .. | 110A, George Street, Croydon, Surre |
| 4189 | A. Oct. 1903 F. Oct. 1913 | *HINTON, HERBERT ARTHUR .. | 5, Crouch Hill, N. (Middlesex). |
| 6708 | A. Oct 1912 F. Dec. 1919 | *HINXMAN, ROLAND .. .. .. | Jewry Chambers, Winchester. |
| 1783 | Apr. 1890 | HIPPISLEY, WILLIAM JOHN .. | Northam House, Wells, Somerset. |
| 4190 | A. Oct. 1903 F. Dec. 1910 | *§HOARE, ARTHUR JOHN .. .. | District Valuer's Office, 28, Hi West Street, Dorchester. |
| 8927 | Nov. 1922 | HOBBS, FRANCIS .. .. .. | Estate Office, Monmouth. |
| 1769 | Mar. 1890 | HOBBS, JOHN .. .. .. .. | Estate Office, Ashford, Kent. |
| 6275 | A. Oct. 1911 F. July 1922 | *HOBBS, REGINALD ARTHUR .. | 128, Colmore Row, Birmingham. |
| 6276 | A. Oct. 1911 F. Apr 1920 | *HOBBS, WILLIAM BEDO .. .. | The Home Farm, Sneeth, Kent. |
| 7322 | Oct. 1914 | *HOBDAY, WILLIAM HERBERT .. | 45, Bedford Row, W.C.1. |
| 2080 | May 1891 | HOBGEN, THOMAS CECIL .. .. | 41, East Street, Chichester, Sussex |
| 883 | Feb. 1883 | HOBSON, FREDERICK WILLIAM .. | 54/55, London Wall, E.C.2. |
| 5587 | Oct. 1909 | HODGES, ARTHUR POOL .. .. | H.M. Office of Works, King Char Street, S.W. |
| 7204 | A. Oct. 1913 F. July 1920 | *HODGKINSON, NORMAN JOSEPH | 11, Benet Street, Cambridge. |
| 2099 | A. Oct. 1896 F. July 1922 | HODGSON, ARCHIBALD SANFORD | Westons Place, Warnham, Sussex |
| 4321 | Oct. 1904 | HODGSON, HARRY MOORE .. .. | 25, Bedford Row, W.C. |
| 5186 | A. Oct. 1907 F. Dec. 1914 | *HODSON, LAURENCE SCRIVENER | Opposite Great Northern Rly. Statii Palmers Green, N. (Middlesex). |
| 2275 | Nov.1891 | HODSON, WILLIAM .. .. .. | 472, West Green Road, N.15 (Midd sex). |
| 2081 | May 1891 | HOGGARTH, ARTHUR .. .. .. | Kendal, Westmorland. |
| 4444 | A. Oct. 1904 F. Apr. 1913 | *HOGGARTH, LAWRENCE STEELE | St. Abbs, Kendal, Westmorland. |
| 4445 | A. Oct. 1904 F. May 1910 | *HOGWOOD, DOUGLAS CLARENCE | 6, Queen Street, Ramsgate. |
| 3235 | A. Oct. 1897 F. Nov. 1922 | *HOLBROW, HERBERT OLIVER .. | 18, Apsley Road, Clifton, Bristo |
| 5187 | A. Oct. 1907 F. July 1919 | *HOLDFORTH, HAROLD, O.B.E. .. | 17, Eldon Square, Newcastle-on-T |
| 5467 | A. Oct. 1908 F. Oct. 1924 | *HOLFORD, SHELLEY .. .. | Braeside, Weald Road, Brentwo |
| 2587 | A. Oct. 1893 F. Feb. 1897 | *HOLIDAY, PERCY CAVE .. .. | Bicester, Oxfordshire. |
| 893 | A. Feb. 1883 F. Nov. 1889 | HOLLAND, THOMAS JAMES, JUN. | Station Road, Kennett, Cambs. |
| 7208 | A. Oct. 1913 F. Apr. 1922 | *HOLLIDAY, GEORGE .. .. .. | 43-5, High Street, Croydon, Surr |
| 6277 | A. Oct. 1911 F. Sep. 1919 | *HOLLIS, ARTHUR .. .. .. | 3, Park Place, Leeds. |
| 6714 | A. Oct. 1912 F. Oct. 1920 | *HOLMES, EDWARD MARSHALL, CAPT., M.C. .. .. .. .. | 16, St. James Street, Sheffield. |
| 1595 | A. Feb. 1889 F. May 1897 | *HOMAN, HUBERT FRANKLIN .. | 178, Eastgate, Rochester. |
| 9137 | Oct. 1923 | HOME, JOHN HEPBURNE MILNE | Irvine House, Canonbie, Dumfr shire. |

| Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|
| A. Oct. 1902<br>F. July 1913 | *Home, Philip Woollatt .. | 58, Avenue Road, Highgate, N.6 (Middlesex). |
| A. Oct. 1904<br>F. Oct. 1914 | *Honey, Robert Llewellyn .. | Town Hall, Chatham. |
| Feb. 1890 | Honeyball, Fred. Thomas .. | Deal, Kent. |
| A. Oct. 1901<br>F. May 1903 | *Hood, Herbert Charles.. .. | 8, Union Court, Old Broad Street, E.C. |
| June 1896 | *Hood, Walter Richard .. .. | 8, Union Court, Old Broad Street, E.C. |
| A. Oct. 1906<br>F. June 1919 | *Hookey, Reginald Edward .. | 61, Streatham Hill, S.W.2. |
| A. Oct. 1899<br>F. July 1901 | *Hooley, Arthur John .. .. | The College, All Saints', Derby. |
| A. Oct. 1900<br>F. June 1908 | *Hooper, Alfred Egbert.. .. | 10, High Street, Marlborough, Wiltshire. |
| C.F. Oct. '11<br>F. Nov. 1918 | Hooper, Augustus Shelton.. | Thatched House Club, St. James' Street, S.W.1. |
| A. Jan. 1888<br>F. Jan. 1896 | *Hooper, Cecil Henry .. .. | South Eastern Agricultural College, Wye, Kent. |
| A. Oct. 1895<br>F. Nov. 1899 | *†Hooper, Edgar Wilfred .. | Haslemere, Beaufort Road, Reigate, Surrey. |
| A. Oct. 1907<br>F. Oct. 1920 | *Hooper, Harold Thomas .. | 16, Osborne Road, Thornton Heath, Surrey. |
| Jan. 1922 | Hoose, Ellis Lanceley .. | 10, Dale Street, Liverpool. |
| A. Oct. 1911<br>F. Dec. 1921 | *Hooton, Leonard Stanwell.. | 10, Northgate Street, Warwick. |
| A. Oct. 1901<br>F. June 1909 | *Hopkins, Percy Raynes.. .. | Valuation Offices, Ministry of Finance for N. Ireland, Belfast. |
| Mar. 1891 | Horne, Edmund .. .. .. | High Street, Hounslow, Middlesex. |
| Apr. 1882 | *Horne, W. Edgar (*Past-President*) .. | 110, Mount Street, W.1. |
| A. Oct. 1910<br>F. Sep. 1919 | *Hornor, Bassett Fardell, D.S.O. | Old Bank of England Court, Queen Street, Norwich. |
| May 1887 | Hornor, Francis .. .. .. | Old Bank of England Court, Queen Street, Norwich. |
| Oct. 1908 | Horsbrugh, Charles Edward | Blairqutrosh, Blanefield, Glasgow. |
| Jan. 1922 | Horsburgh, William Peter | D. 16, Exchange Buildings, Liverpool. |
| Oct. 1913 | *Horser, Cotterell Walter.. | 65 Cleveland Road, South Woodford, N.E. (Essex). |
| May 1890 | Horsey, Frederick John Terry | 11, Billiter Square, E.C. |
| Mar. 1890 | Horsfall, Richard Edgar .. | 22A, Commercial Street, Halifax. |
| A. Oct. 1901<br>F. Nov. 1905 | *‡Hosegood, Andrew Webber.. | Williton, Somerset. |
| A. Oct. 1922<br>F. Dec. 1923 | *Hosking, Wilfrid .. .. | Central Chambers, Princess Square, Plymouth. |
| A. Oct. 1905<br>F. Apr. 1911 | *Houghton, John Goldsmith .. | Hill Head, Fareham, Hants. |
| Feb. 1889 | Hovenden, Henry Edward .. | Silverbirch, Inglemere Road, Forest Hill, S.E.23. |
| A. Oct. 1907<br>F. Oct. 1920 | *Hovenden, Jack Reginald | Wennington Cottage, Lynwood Avenue, Epsom, Surrey. |

† Special Sanitary Science Diploma.

‡ Special Forestry Diploma.

| Dip. No. | Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|---|
| 4004 | A. Oct. 1902 F. Nov. 1912 | *How, Herbert .. .. .. .. | 41, Heath Street, Hampstead, N.W |
| 8800 | Jan. 1922 | Howard, Alfred .. .. .. | 90, Victoria Street, S.W.1. |
| 4304 | A. Feb. 1904 F. June 1919 | *Howard, Edmund .. .. .. | 77, Chancery Lane, W.C.2. |
| 7858 | A. Nov. 1918 F. Oct. 1924 | *Howard, Samuel .. .. .. | 3, Whitehall Street, Rochdale. |
| 6717 | A. Oct. 1912 F. Oct. 1920 | *Howe, Clarence Shaw Thornton .. .. .. .. | 21, Bond Street, Leeds. |
| 6718 | A. Oct. 1912 F. June 1919 | *Howe, Thomas Thornton .. | Olive Mount, Bramley Hill, Kirksta Yorks. |
| 7715 | Oct. 1917 | *Howes, Francis Tippett .. | Parkstone, Grantham Road, King wood, near Bristol. |
| 6142 | Oct. 1911 | *Howes, William Trotman, M.B.E. .. .. .. .. .. | 43, Lansdowne Road, Bedford. |
| 3236 | A. Oct. 1897 F. Nov. 1906 | *Howland, Arthur Frank .. | 6, Old Jewry, E.C.2. |
| 5597 | Oct. 1909 | Huggard, William .. .. .. | 93, O'Connell Street, Limerick. |
| 4450 | A. Oct. 1904 F. Oct. 1911 | *Huggins, Ernest George .. | 8, Union Court, Old Broad Stree E.C.2. |
| 7222 | A. Oct. 1913 F. Apr. 1922 | *Hughes, Ernest William .. | Civil Engineer-in-Chief's Dept., Admiralty, S.W.1. |
| 6460 | Oct. 1912 | Hughes, George, Major .. .. | H.M. Dockyard, Simonstown, Ca Province, S. Africa. |
| 7601 | A. Oct. 1915 F. July 1923 | *Hughes, George William .. | The Valuation Office, Inland Reven 52, Bridge Street, Walsall. |
| 8360 | Oct. 1921 | Hughes, Henry, O.B.E. .. | Chief Surveyor, Air Ministry, King way, W.C.2. |
| 7861 | A. Nov. 1918 F. Oct. 1920 | *§Hughes, Thomas Harold, Capt., F.R.G.S. .. .. .. | 27, Ashton Terrace, Hillhead, Glasg |
| 7223 | A. Oct. 1913 F. July 1921 | *Hughes, William Edwyn .. | Valuation Office, 7, King Street, C marthen. |
| 1609 | Mar. 1889 | Hugman, Charles Eady .. .. | 9, Adam Street, Adelphi, W.C. |
| 6235 | A. Oct. 1911 F. Sept. 1917 | *Hume, John .. .. .. .. | 30, Eastfield, Joppa, Edinburgh. |
| 8049 | A. Oct. 1919 F. Oct. 1924 | *Humphery, William Overton | Fakenham, Norfolk. |
| 2087 | May 1891 | Humphreys, John Henry .. | Castle House, Usk, Monmouthshire. |
| 5192 | A. Oct. 1907 F. Nov. 1910 | *Hunnings, Arthur .. .. .. | 112, Baxter Avenue, Southend-o Sea. |
| 4887 | Oct. 1906 | *Hunt, Frank William, C.V.O. (*Member of Council*) | Spring Gardens, Charing Cross, S.W |
| 3551 | A. Oct. 1899 F. Dec. 1902 | *Hunt, George Whitaker .. | Estate Office, Holme Lacy, Herefo shire. |
| 5970 | A. Oct. 1910 F. Apr. 1919 | *Hunt, Herbert Charles .. | 33, Broom Water, Teddingt Middlesex. |
| 6143 | Oct. 1911 | *Hunt, John, F.R.I.B.A. .. .. | 36, Upper Berkeley Street, W.1. |
| 7523 | Oct. 1914 | *Hunter, James Douglas.. .. | 39, Great Marlborough Street, W. |

| Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|
| Jan. 1922 | HUNTER, SAMUEL COYNE .. | 2, Wellington Place, Belfast. |
| Oct. 1912 | HUNTLEY, FREDERICK ARTHUR, LIC.R.I.B.A. | c/o Miss V. Huntley, B.A., at Mrs. Cates, Glenacre, Cunmore Road, Sutton, Surrey. |
| Nov. 1891 | HURRELL, JOHN WEYMOUTH .. | 17, Stretford Road, Manchester. |
| A. Dec. 1883<br>F. Jan. 1891 | HUSKINSON, THOMAS WILLIAM.. | Epperstone Manor, Nottingham. |
| Oct. 1908 | HUSON, ERNEST WILLIAM.. .. | Civil Engineer-in-Chief's Dept., Admiralty, S.W.1. |
| A. Oct. 1912<br>F. Apr. 1916 | *HUSSEY, SYDNEY .. .. .. | 99, Queens Road, Ashford, Kent. |
| A. Oct. 1906<br>F. Jan. 1911 | *HUTCHINGS, WILLIAM ARTHUR.. | Durley Cottage, Sutton Coldfield. |
| Jan. 1922 | HUTCHINS, GEORGE .. .. .. | Grosvenor Buildings, Newgate St., Chester. |
| Oct. 1909 | *HUTCHINS, JAMES BUSHELL .. | 11, Lord Street, Liverpool. |
| Oct. 1911 | HUTCHISON, WILLIAM HENRY .. | General Valuation Office, 6, Ely Place, Dublin. |
| A. Oct. 1922<br>F. May 1924 | *HUTTON, WILLIAM HUGH .. | Estate Office, Dudley, Worcestershire. |
| A. Oct. 1910<br>F. Mar. 1920 | *IBBETSON, THOMAS HENRY .. | Valuation Office, Lincoln's Inn Fields, W.C. |
| A. Oct. 1911<br>F. Apr. 1923 | *INCE, ALFRED ETHELBERT .. | 48, Bertrand Road, Bolton. |
| Nov. 1922 | INGHAM, ARTHUR GEORGE .. | H.M. Board of Agriculture for Scotland, York Buildings, Queen Street, Edinburgh. |
| Oct. 1921 | INGLIS, ROBERT .. .. .. | Old Blair, Blair Atholl, Perthshire. |
| A. Oct. 1901<br>F. Dec. 1910 | *INGRAM, CECIL WALTER .. .. | Messrs. Knight, Frank and Rutley, 90, Princes Street, Edinburgh. |
| A. Oct. 1903<br>F. Apr. 1911 | *INGRAM, JAMES FRANCIS .. .. | Valuation Office, Inland Revenue, West St. Mary's Gate, Grimsby, Lincolnshire. |
| A. Feb. 1873<br>F. Jan. 1882 | INGRAM, WALTER FEILDE .. .. | 2, St. Andrew's Place, Lewes, Sussex. |
| Nov. 1891 | IRELAND, EDWIN BENJAMIN .. | Bank Buildings, Norwich. |
| Jan. 1922 | JACKSON, HARRY .. .. .. | 75, Princess Street, Manchester. |
| Feb. 1915 | JACKSON, JOHN HAROLD .. .. | 18, Booth Street, Manchester. |

| Dip. No. | Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|---|
| 4611 | Oct 1905 | *Jackson, Robert .. .. .. | District Commissioners' Office, Mi try of Agriculture, Pruden Buildings, Dale Street, Liverpo |
| 1404 | Dec. 1887 | Jackson, William Tress.. .. | 117, High Street, Sittingbourne, Ke |
| 5381 | Oct. 1908 | *Jacob, Louis, a.r.i.b.a. .. .. | 39, Bloomsbury Square, W.C. |
| 2293 | Nov. 1891 | James, Christian Hugh .. .. | Rudchester, Wylam-on-Tyne, North berland. |
| 4853 | Feb. 1906 | James, Frederick John, m.b.e. | 1, Rusham Road, Wandsworth Comm S.W. |
| 4731 | A. Oct. 1905 F. Nov. 1909 | *James, George Ernest .. .. | Superintending Valuer's Office, Ma lett House, Bow Street, W.C.2 |
| 2820 | Sep. 1895 | Jameson, Robt. William.. .. | Ardanoir, Greystones, Co. Wickl |
| 2684 | A. Oct. 1894 F. June 1899 | *Jarmain, William .. .. .. | Alandale, Hatch End, Middlesex. |
| 2527 | A. Nov. 1892 F. Oct. 1898 | *Jarman, Frank Wilmot .. .. | 19, Wharfedale Gardens, Thorn Heath, Surrey. |
| 5196 | A. Oct. 1907 F. Oct. 1914 | Jarvis, Lawrence Alfred .. | 85, Gordon Road, Ealing, W.5. |
| 4010 | A. Oct. 1902 F. June 1914 | *Jeffery, Francis Wilson .. | Star Castle, St. Mary's, Scilly (Cornwall). |
| 2967 | A. Oct. 1895 F. May 1897 | *Jenkin, Arthur Pearse .. .. | Trewirgie, Redruth, Cornwall. |
| 6144 | Oct. 1911 | *Jenkins, Albert David .. .. | Surveyor's Office, Municipal Bu ings, Liverpool. |
| 5974 | A. Oct. 1910 F. June 1914 | *Jenkins, Charles Herbert Blewitt .. .. .. .. | Mansion House, Welshpool, Mo |
| 5975 | A. Oct. 1910 F. Oct. 1914 | *Jenkins, Harold John .. .. | 4, College Street, Swansea. |
| 3338 | A. Oct. 1897 F. Dec. 1903 | *Jenkins, Richard James.. .. | Town Hall, Portsmouth. |
| 8397 | Oct. 1921 | *Jenkins, Trevellian Phillips, a.r.i.b.a., m.s.a. .. .. .. | St. Elmo, Uplands, Swansea. |
| 4455 | A. Oct. 1904 F. Apr. 1920 | *Jenkins, William Lionel .. | Town Hall, West Ham, E.15 (Es |
| 9317 | Oct. 1924 | *Jenkins, William Rees .. | College of Estate Management: Lincoln's Inn Fields, W.C.2. |
| 3160 | A. Feb. 1897 F. Mar. 1899 | *Jenkinson, William Eric Leigh | 15, New Bridge Street, Ludgat Circus, E.C. |
| 736 | Feb. 1882 | Jenkinson, William Wilberforce .. .. .. .. .. | 122, Palace Road, S.W.2. |
| 2695 | A. Oct. 1894 F. Nov. 1897 | *Jenner, William .. .. .. | 6, Gluman Gate, Chesterfield, D shire. |
| 5976 | A. Oct. 1910 F. Dec. 1921 | *Jennings, Daniel Strachan, f.r.g.s. | 98, Grove Vale, East Dul S.E.22. |
| 3048 | A. June 1896 F. June 1900 | *Jennings, Fitz-Laurence Percival Dudley .. .. .. | 137, Park Road, N.W. |
| 4734 | A. Oct. 1905 F. Oct. 1924 | Jennings, William Alfred .. | 7, Romford Road, Stratford, (Essex). |
| 2012 | Mar. 1891 | Jennings, William Joseph .. | 4, St. Margaret's Street, Canterb |

| Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|
| A. Oct. 1905<br>F. June 1919 | *§Jessup, David Pooley .. .. | County Chambers, Northampton. |
| A. Oct. 1911<br>F. Mar. 1920 | *§Jewell, Arthur Edward | 12, Great James Street, Bedford Row, W.C. |
| Jan. 1922 | Jeyes, Charles Rix .. .. | 70, Dukes Avenue, Muswell Hill, N.10 (Middlesex). |
| A. Oct. 1906<br>F. Mar. 1920 | *Johnson, Arthur William .. | District Valuer's Office, 23, Victoria Avenue, Harrogate. |
| A. Nov. 1892<br>F. Nov. 1896 | *Johnson, Bernard Marr .. | 5, Great College Street, Westminster Abbey, S.W. |
| A. Oct. 1907<br>F. Oct. 1914 | Johnson, Clifford Noel.. .. | 19, Priory Street, Dudley, Worcestershire. |
| A. Oct. 1897<br>F. June 1910 | *Johnson, Harry Labron .. .. | 22, Elleray Park Road, Liscard, Cheshire. |
| A. May 1883<br>F. Jan. 1885 | *Johnson, Henry .. .. .. | 52, St. George's Road, Leyton, E.10 (Essex). |
| Feb. 1906 | Johnson, Henry James .. .. | 21, Queen Anne's Gate, S.W. |
| A. Oct. 1898<br>F. July 1903 | *Johnston, Reginald .. .. | 133-136, High Holborn, W.C. |
| A. Oct. 1912<br>F. July 1917 | *Johnston, Robert William, Major .. .. .. .. .. | 217, Union Street, Aberdeen. |
| A. Oct. 1902<br>F. Jan. 1904 | *Johnstone, Augustus Frederic | 39, Upper George Street, Kingstown, Co. Dublin. |
| Feb. 1899 | Johnstone, James .. .. .. | Mereworth, Prestwick, Ayrshire. |
| Oct. 1911 | *Johnstone, John Thomas .. | 59, Woodbourne Avenue, Streatham, S.W.16. |
| A. Oct. 1900<br>F. Feb. 1903 | *Jonas, Harold Driver, O.B.E. | 7, Charles Street, St. James' Square, S.W.1. |
| A. Feb. 1888<br>F. May 1891 | *§Jonas, Harry Marshall, C.B.E. | 8, Suffolk Street, Pall Mall East, S.W.1, and 27, Market Hill, Cambridge. |
| A. Apr. 1869<br>F. Feb. 1878 | Jonas, Henry .. .. .. .. | 7, Charles Street, St. James' Square, S.W.1. |
| A. Feb. 1887<br>F. Apr. 1922 | Jonas, Samuel Marshall .. | 27, Market Hill, Cambridge, and 8, Suffolk Street, Pall Mall East, S.W.1. |
| A. Oct. 1902<br>F. Nov. 1905 | *Jones, Arthur Ernest .. .. | Gladstone Villa, Victoria Road, Newcastle, Staffs. |
| A. Oct. 1908<br>F. July 1922 | *Jones, Dan Ivor .. .. .. | 6, Gluman Gate, Chesterfield. |
| Oct. 1915 | *Jones, David John .. .. .. | Hill Crest, Amersham Hill, High Wycombe. |
| Oct. 1914 | Jones, Edward Lloyd .. .. | Plas-Isa, Rhosymedre, Ruabon, Denbighshire. |
| Jan. 1890 | Jones, Francis William .. .. | 2, Frewin Court, Corn Market Street, Oxford. |
| A. Oct. 1907<br>F. Nov. 1913 | *Jones, Frank Cecil .. .. .. | Frewin Court, Corn Market Street, Oxford. |

| Dip. No. | Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|---|
| 964 | A. May 1883<br>F. Nov. 1886 | *†JONES, HENRY ARTHUR .. .. | 3 & 4, Lincoln's Inn Fields, W.C. |
| 3393 | A. Oct. 1898<br>F. Feb. 1908 | *JONES, JOHN ARTHUR.. .. .. | C.E. in C.'s Dept., H.M. Dockyar Rosyth. |
| 4736 | A. Oct. 1905<br>F. Oct. 1907 | *JONES, JOHN FOX .. .. .. | 13, John Street, Bedford Row, W.C |
| 4014 | A. Oct. 1902<br>F. Nov. 1909 | *JONES, JOHN RICE .. .. .. | 23, Skinner Street, Newport, Mo |
| 5480 | A. Oct. 1908<br>F. Dec. 1919 | *JONES, MONTAGUE WILLIAM .. | Frewin Court, Corn Market Stre Oxford. |
| 3394 | A. Oct. 1898<br>F. Nov. 1912 | *JONES, PERCY EVERLEY .. .. | 5, Little George Street, Westminst S.W. |
| 673 | A. Dec. 1881<br>F. May 1891 | JONES, THOMAS, M.I.C.E. .. | 5, Little George Street, Westminst S.W. |
| 5481 | A. Oct. 1908<br>F. June 1911 | *JONES, URWICK MEREDITH .. | Warwick Chambers, Corporation Stre Birmingham. |
| 7734 | Nov. 1918 | JONES, WILLIAM CAMPBELL .. | Skinners Hall, Dowgate Hill, E.C |
| 2013 | Mar. 1891 | JONES, WILLIAM EDWARD.. .. | Anglesey Estate Office, Graig, Llanf pwll, Anglesey. |
| 2208 | Nov. 1891 | JOSELAND, CHARLES .. .. .. | Bank Buildings, Kidderminster, Wor tershire. |
| 1467 | Mar. 1888 | JOSEPH, DELISSA, F.R.I.B.A. .. | 2, Basinghall Avenue, E.C.2. |
| 8361 | Oct. 1921 | JOSLING, ERNEST GEORGE ARTHUR .. .. .. .. | 9, Southampton Street, W.C.1. |
| 7675 | Nov. 1916 | *§JUKES, LOUIS WILLIAM .. .. | 12, Landguard Road, Southampton |
| 4015 | A. Oct. 1902<br>F. Nov. 1912 | *†JULL, ROBERT CHARLES.. .. | 1, Cumberland Gardens, Tunbri Wells. |
| 3704 | A. Oct. 1900<br>F. July 1912 | *KAYE, HERBERT.. .. .. .. | Valuation Office, Inland Rever Prudential Buildings, Westg Wakefield. |
| 8940 | Nov. 1922 | *KAYE, STEWART .. .. .. | 14, Hill Street, Edinburgh. |
| 4456 | A. Oct. 1904<br>F. Nov. 1922 | *KEAY, RALEIGH WILLIAM McLAREN | 5, Lancaster Place, Welling Street, Strand, W.C.2. |
| 2969 | A. Oct. 1895<br>F. July 1917 | *KEAY, WILLIAM .. .. .. | 6, Millstone Lane, Leicester. |
| 2687 | A. Oct. 1894<br>F. July 1921 | *KEEP, WILLIAM HENRY .. | 3, Victoria Road, Emsworth, Ha |
| 3766 | Feb. 1901 | *KELLY, JOHN GEORGE .. .. | Roseneath, Totley Rise, Sheffield. |
| 4977 | A. Oct. 1906<br>F. Nov. 1908 | *KELLY, SYDNEY APPLETON .. | 24, The Albany, Oldhall Street, L pool. |
| 2970 | A. Oct. 1895<br>F. Apr. 1922 | KEMSLEY, WILLIAM HUGH .. | Broad Street House, New B Street, E.C., and Woodford Gr Essex. |

† Special Sanitary Science Diploma.

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|---|---|---|
| A. Oct. 1911<br>F. Feb. 1919 | *KENNARD, LAURENCE.. .. .. | 31, John Street, Bedford Row, W.C.1. |
| Oct. 1909 | KENNEDY, MICHAEL A. .. .. | Rye Hill House, Monivea, Co. Galway. |
| A. Oct. 1908<br>F. Sep. 1919 | *KENNEDY, PERCY EDWARD .. | 16, Valley Bridge Parade, Scarborough. |
| Nov. 1918 | *KENNEDY, RICHARD PERCIVAL | 193, Ladbroke Grove, W.10. |
| May 1884 | KENT, GEORGE EDWARD .. .. | "Normanhurst," Cavendish Road, Southsea, Hants. |
| Oct. 1913 | *KENT, GEORGE NATHANIEL .. | 521, Barking Road, Plaistow, E. |
| Nov. 1891 | KENWRICK, GEORGE .. .. .. | Woodditton, near Newmarket. |
| A. Oct. 1897<br>F. Apl. 1901 | *§KERR, JOHN MURRAY .. .. | Inland Revenue, London City & Midland Bank Chambers, High Street, Lincoln. |
| Nov. 1916 | KERR, J. SCOTT .. .. .. .. | 11, Courtfield Gardens, S.W.5. |
| Oct. 1898 | *KERRUISH, WILLIAM MALTBY .. | 21, Athol Street, Douglas, Isle of Man. |
| Apr. 1889 | KERSEY, ALEX. H., F.R.I.B.A. .. | 21, Finsbury Pavement, E.C. |
| Oct. 1923 | KERSHAW, GEORGE .. .. .. | Grosvenor Chambers, 16, Deansgate, Manchester. |
| Oct. 1919 | *KERSLAKE, THOMAS HENRY .. | Estate Office, Cockington, Torquay. |
| A. Oct. 1924<br>F. Dec. 1924 | *KEYTE, JOSEPH RUSHBROOKE | Ebrington, Alderbrook Road, Solihull, Worcestershire. |
| Nov 1890 | KIDWELL, JOHN .. .. .. .. | St. Margaret's Bank, Rochester. |
| A. Oct. 1894<br>F. Sep. 1903 | *KILLICK, ANTHONY EDWARD .. | 10, Eldon Square, Newcastle-on-Tyne. |
| Oct. 1913 | *KING, FRANCIS HOLDEN .. .. | Estate Office, Foxholes, Rochdale, Lancs. |
| Jan. 1922 | KING, HARRY E. .. .. .. | 3, New Court, Carey Street, W.C.2. |
| Jan. 1922 | KINGSFORD, HAMILTON BRUCE | 25, St. Aldate Street, Gloucester. |
| A. Feb. 1899<br>F. Sep. 1903 | *KIRBY, FRANCIS JOSEPH .. .. | 5, Cook Street, Liverpool. |
| Oct. 1908 | *¶KIRKBY, REGINALD GUY, F.R.I.B.A. | 17, Rosebery Crescent, Jesmond, Newcastle-on-Tyne. |
| Feb. 1898 | KIRKWOOD, CHARLES .. .. .. | 61, West Regent Street, Glasgow. |
| A. Oct. 1909<br>F. Oct 1920 | *KIRKWOOD, NORMAN FRASER | Oriel Chambers, Water Street, Liverpool. |
| Oct. 1909 | KIRWAN, DENIS BIRMINGHAM .. | Dalgin, Tuam, Co. Galway. |
| A. Oct. 1909<br>F. Apr. 1920 | *KISCH, AUGUSTUS MAITLAND .. | 41, Bedford Row, W.C. |
| A. Apr. 1906<br>F. Oct. 1914 | *KISLINGBURY, ARTHUR VERNON | 23, Sackville Street, W.1. |
| A. Oct. 1900<br>F. Dec. 1919 | *KNIBB, FREDERICK CHARLES, M.B.E. .. .. .. .. .. | 112, West Side, Clapham Common, S.W. |
| Feb. 1892 | KNIGHT, EDGAR WALSH .. .. | 94, Bow Road, E. |
| A. Oct. 1903<br>F. Oct. 1907 | *KNIGHT, FREDERICK WILLIAM .. | 38, Parliament Street, S.W. |
| A. Nov. 1892<br>F. Nov. 1901 | *KNIGHT, GEORGE EDWARD .. | 3, Lincoln's Inn Fields, W.C. |
| Oct. 1896 | KNIGHT, HENRY ST. JOHN, MAJOR | "Kaloni," Farnborough Road, Farnborough, Hants. |
| A. Oct. 1899<br>F. Sep. 1904 | *§KNOWLES, GEORGE POTTER, M.B.E., B.SC. (*Lond.*), A.M.I.C.E. | 39, Victoria Street, Westminster, S.W. |

¶ Special Rating Diploma.

| Dip. No. | Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|---|
| 853 | A. Dec. 1882<br>F. Dec. 1889 | KNOWLES, HENRY .. .. .. | Egerton House, The Spa, Gloucester |
| 5611 | Oct. 1909 | *KNOWLES, LESLIE S. .. .. .. | Tudor Street, Blackfriars, E.C.4. |
| 5208 | A. Oct. 1907<br>F. Mar. 1920 | *KNUBLEY, MILES PONSONBY .. | c/o Superintending Valuer, 51, Queen Street, Exeter. |
| 4202 | A. Oct. 1903<br>C.F. Oct. '19<br>F. Jan. 1922 | *LABDON, HERBERT GEORGE .. | The Rhodes Building, St. George Street, Cape Town. |
| 8370 | Oct. 1921 | LAIDLER, GEORGE .. .. .. | Strabane, Brodick, Isle of Arran. |
| 6303 | A. Oct. 1911<br>F. Sep. 1919 | *LAIRD, DANIEL MACLELLAND .. | 15, Tinto Road, Newlands, Glasgow |
| 7604 | A. Oct. 1915<br>F. Dec 1919 | *LAKE, BERNARD .. .. .. | 10, St. Alkmunds Square, Shrewsbury |
| 2971 | A. Oct. 1895<br>F. June 1899 | *LAKE, CUTHBERT (*Member of Council*) | 9, Stone Buildings, Lincoln's Inn, W.C. and Hatch End, Middlesex. |
| 3857 | A. Oct. 1901<br>F. May 1910 | *LAKE, RALPH JULIAN .. .. | Heage House, Crouch Hill, N. (Middlesex). |
| 3972 | A. Oct. 1895<br>F. Oct. 1896 | *LAKIN-SMITH, ERNEST .. .. | Colmore House, 21, Waterloo Street, Birmingham. |
| 4017 | A. Oct. 1902<br>F. May 1910 | *LAMBERT, ARTHUR JOHN .. .. | 36, Hindes Road, Harrow. |
| 5209 | A. Oct. 1907<br>F. Dec. 1918 | *LAMBERT, ARTHUR PEPLOE .. | c/o H. E. Mathews, 3, Paul's Bakehouse Court, Godliman Street, E.C.4. |
| 6742 | A. Oct. 1912<br>F. Nov. 1913 | *LAMBERT, EDWIN EMMANUEL .. | 12, Adderley Grove, Clapham Common, S.W. |
| 5210 | A. Oct. 1907<br>F. Oct. 1914 | *LAMBERT, EDWIN HANS .. .. | Merriecote, Brenchley, Kent. |
| 4203 | A. Oct. 1903<br>F. Oct. 1914 | *LAMBERT, GEORGE ARROW.. .. | Victoria Chambers, Reading. |
| 1553 | A. Jan. 1889<br>F. Dec. 1891 | *LAMBERT, GODFREY CHARLES .. | 8, Henrietta Street, Covent Garden, W.C. |
| 5714 | A. Oct. 1909<br>F. Dec. 1921 | *LAMOND, JOHN, A.M.I.C.E. .. | Borough Engineer and Surveyor's Office, Town Hall, Catford, S.E. |
| 2591 | A. Oct. 1893<br>F. Oct. 1899 | *LANCASTER, JOHN ROY .. .. | Crown Court, Cheapside, E.C. |
| 4739 | A. Oct. 1905<br>F. Apr. 1915 | *LANCASTER, SIDNEY JAMES .. | Rates Office, Edmund Street, Birmingham. |
| 5488 | A. Oct. 1908<br>F. Jan. 1912 | *LANDER, SIDNEY MONTEM, M.B.E. | Valuer's Office, 3 Sansome Place, Worcester. |
| 4205 | A. Oct. 1903<br>F. Apr. 1913 | *LANG, AUGUSTUS BERNARD DASHWOOD .. .. .. .. | 3, King Street, Cheapside, E.C. |
| 8239 | A. Oct. 1920<br>F. Dec. 1923 | *LANGDON, HORACE WILLIAM .. | New Court Chambers, 57 & 58, Chancery Lane, W.C.2. |
| 5715 | A. Oct. 1909<br>F. Nov. 1924 | *LANGFORD, DOUGLAS CHARLES | Gwithian, Broad Lane, Bracknell, Berks. |

| Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|
| Oct. 1913 | *Langford, Edward Thomas .. | Post Office Buildings, Kidderminster, Worcestershire. |
| A. Oct. 1901<br>F. May 1905 | *Langridge, Walter Frederick | Tunbridge Wells, Kent, and 28, Queen Street, Cheapside, E.C. |
| A. Oct. 1900<br>F. June 1915 | *Lanham, Laurence, O.B.E. .. | 6 and 7, Broad Street, Oxford. |
| A. Jan. 1891<br>F. Dec. 1922 | Lansdown, George Arthur, F.R.I.B.A. .. .. .. .. | 9, Regent Street, Waterloo Place, S.W. |
| Jan. 1922 | Lansdown, Harold .. .. | 9, Regent Street, S.W. |
| A. Oct. 1899<br>F. Oct. 1903 | *Latham, Albert Tummons .. | 21, Bedford Row, W.C.1. |
| Jan. 1922 | Latter, Charles William .. | 43, Doughty Street, W.C.1. |
| Mar. 1891 | Latter, Hugh Robinson .. .. | The Town Hall, Bromley, Kent. |
| A. Feb. 1914<br>F. Mar. 1920 | *Laurance, John Bidwell .. | Bank Chambers, Whitlesey, Cambs. |
| Nov. 1916 | *Law, William Heelis .. .. | 51, North John Street, Liverpool. |
| Jan. 1922 | Law, William Miller .. .. | 51, North John Street, Liverpool. |
| A. Oct. 1900<br>F. July 1922 | *Lawley, George Frank .. | 38, Willoughby Lane, Tottenham, N. (Middlesex). |
| A. Oct. 1905<br>F. Apr. 1915 | *Lawrance, John, Jun. .. .. | 33, Pattison Road, N.W.2. |
| May 1891 | Lawrance, Walter (*Member of Council*) | 13, Hart Street, Bloomsbury Square, W.C. |
| A. Oct. 1902<br>F. Dec. 1910 | *Lawrence, Charles Phillips.. | Carlton House, Botcherby, Carlisle. |
| A. Oct. 1901<br>F. Oct. 1907 | *Lawrence, John, N.D.A. .. .. | Messrs. Crawter, Cheshunt, Hertfordshire. |
| A. Dec. 1883<br>F. Nov. 1889 | Lawrence, William Robert .. | 57 and 58, Chancery Lane, W.C. |
| A. Oct. 1888<br>F. Nov. 1907 | *Leake, Robert .. .. .. | 150, Southampton Row, W.C.1. |
| A. Oct. 1903<br>F. Sep. 1904 | *Leaning, Aubrey Rupert Sidney | Kingsgate House, 115, High Holborn, W.C. |
| A. Jan. 1891<br>F. Mar. 1895 | *Leaning, Henry John .. .. | 28, John Street, Bedford Row, W.C. |
| A. Oct. 1894<br>F. Nov. 1895 | *Leaning, William Arthur .. | 28, John Street, Bedford Row, W.C. |
| Oct. 1894 | *Leather, George Herbert .. | 25, Hawke Road, Upper Norwood, S.E.19. |
| A. Oct. 1897<br>F. Oct. 1900 | *Leather, William Beaumont.. | 21, Burton Crescent, Headingley, Leeds. |
| A. Oct. 1910<br>F. Apr. 1916 | *Lee, Alexander Victor .. | 143, High Street, Guildford. |
| A. Oct. 1906<br>F. Feb. 1919 | *Lee, John Pincke .. .. .. | Neals Farm, Wyford, near Reading. |
| A. Jan. 1887<br>F. Nov. 1893 | *Lee, John Wilfrid .. .. .. | Town Hall, Haverstock Hill, N.W. |
| A. Oct. 1901<br>F. Feb. 1904 | *Lee-Norman, Alexander Henry | Hayne House, Plymtree, near Cullompton, Devon. |
| Feb. 1915 | Leech, Arthur Henry .. .. | 11, King Street, Wigan, Lancs. |
| Oct. 1895 | *Leeder, Ernest Holtham *Member of Council*) .. .. | 46, Waterloo Street, Swansea. |
| A. Oct. 1901<br>F. Nov. 1906 | *Lees, Frank Arthur.. .. .. | 71, Mildred Avenue, Watford. |

| Dip. No. | Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|---|
| 4332 | Oct. 1904 | LE FANU, VICTOR CHARLES .. | Estate Office, Bray, Co. Wicklow. |
| 7260 | A. Oct. 1913 F. July 1917 | *LEITH, THOMAS .. .. .. .. | 3, King's Place, Perth. |
| 5717 8810 | A. Oct. 1909 F. Jan. 1922 | LEONARD, EDWARD .. .. .. | Ministry of Health, Whitehall, S.W. |
| 717 | Jan. 1882 | LEPPER, JOHN HARRAGE .. .. | 10, Market Square, Bromley, Kent. |
| 293 | A. Jan. 1873 F. Apr. 1882 | LERMIT, ALFRED WILLIAM.. .. | Pontian Besar, Cucob, via Singapo F.M.S. |
| 3933 | A. Feb. 1902 F. May 1905 | *LESLIE, HENRY GEORGE, A.R.I.B.A. | 8, Dartmouth Street, Queen Ann Gate, S.W.1. |
| 8811 | Jan. 1922 | LEWIS, GEORGE .. .. .. | 33, Newhall Street, Birmingham. |
| 7500 | Oct. 1914 | LEWIS, GEORGE ALFRED, LIEUT.-COL., M.A. (*Cantab.*), C.M.G. .. | Midland Road, Derby. |
| 7571 | Oct. 1915 | *LEWIS, PENRY ARTHUR .. .. | Government Buildings, Bangor, Wales. |
| 7501 | Oct. 1914 | LEWIS, PERCY WILLIAM .. | Park Leys, Duffield, Derby, a Midland Road, Derby. |
| 6748 | A. Oct. 1912 F. Apr. 1921 | *LIDDLE, LAURENCE HENRY .. | General Valuation Office, 6, Ely Pl Dublin. |
| 5339 | Feb. 1908 | LIGHTBODY, FORREST HAY .. | 53, Queen Street, Edinburgh. |
| 5492 | A. Oct. 1908 F. July 1920 | *LIGHTBOWN, ALFRED STUART | General Valuation Office, 6, Place, Dublin. |
| 4461 | Dec. 1889 | LINAKER, CHARLES EDWARD .. | Frodsham, Cheshire. |
| 8398 | Oct. 1921 | *LINDLEY, JOHN .. .. .. | 36, Alexandra Road South, M chester. |
| 6310 | A. Oct. 1911 F. Apr. 1922 | *LINE, FREDERICK JAMES .. .. | Valuation Office, 54, Hamlet Co Road, Westcliff-on-Sea. |
| 8812 | Jan. 1922 | LING, FREDERICK JAMES.. .. | Architectural Section, Public Wo Office, Hong Kong. |
| 7264 | A. Oct. 1913 F. Oct. 1920 | *LINGARD, WILLIAM .. .. .. | 57, Princess Street, Manchester. |
| 5493 | A. Oct 1908 F. Oct. 1914 | *§LINNEY, JOSEPH FREDERIC .. | 12, Tib Lane, Cross Street, M chester. |
| 3710 | A. Oct. 1900 F. May 1909 | *‖LISNEY, HARRY .. .. .. .. | The General Valuation Office, 6, Place, Dublin. |
| 1405 | Dec. 1887 | LISTER-KAYE, CHARLES WILKINSON | Kingston House, North Carl Worksop, Notts. |
| 2531 | A. Nov. 1892 F. Dec. 1923 | LITTLE, HENRY .. .. .. | Eldon Street House, E.C.2. |
| 2310 | Nov. 1891 | LITTLE, WILLIAM.. .. .. .. | Hutton Hall, Penrith, Cumberland. |
| 4208 | A. Oct. 1903 F. Jan. 1909 | *LIVING, ROBERT .. .. .. .. | Clooneavin, Lynton, N. Devon. |
| 4462 | A. Oct. 1904 F. Apr. 1911 | *LLEWELLYN, ARTHUR HENRY .. | Valuation Department, Castle Ho Trowbridge, Wilts. |
| 7650 | Nov. 1916 | LLEWELLYN, GEORGE ERNEST .. | Bryngarw, Aberkenfig, Glamor shire. |
| 3399 | A. Oct. 1878 F. Dec. 1901 | *§LLOYD, DONALD .. .. .. .. | Messrs. Ellen and Son, Andover, H |

‖ Special Rating Diploma.

| Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|
| A. Oct. 1906<br>F. Dec. 1922 | *Loades, Frank Charles .. | Borough Engineer's Office, Town Hall, Southport. |
| A. Oct. 1908<br>F. Apr. 1914 | *Lock, Cecil William Best .. | 9, Station Road, Watford, Herts. |
| A. Oct. 1909<br>F. Dec. 1924 | *Lock, Charles.. .. .. .. | 26, Hill Road, Chelmsford. |
| A. Oct. 1912<br>F. June 1914 | *Lodge, Thomas Arthur .. .. | Rythe Lawn, Thames Ditton, Surrey. |
| A. Oct. 1899<br>F. Nov. 1903 | *Lofthouse, Albert Wilson .. | Woodcroft, Marton, S.O., and 129, Albert Road, Middlesbrough. |
| Jan. 1922 | Lofting, John Brien .. .. | 44, Bedford Row, W.C.1. |
| Jan. 1922 | Lofting, John Henry .. .. | Union Building, 5th Floor, Shanghai, China. |
| A. May 1884<br>F. June 1891 | Lofts, Henry Fairlam .. .. | 130, Mount St., Grosvenor Square, W. |
| Feb. 1899 | Logan, James .. .. .. .. | Coltness, Wishaw, Lanarkshire. |
| Oct. 1910 | Long, Leland .. .. .. .. | Directorate of Works and Buildings, Air Ministry, Kingsway, W.C.2. |
| Oct. 1904 | Longfield, Henry Foster .. | Grange Erin, Douglas, Cork. |
| Oct. 1912 | *Longley, Henry Banks .. .. | Surrey Estate Offices, High Street, Epsom, Surrey. |
| A. Nov. 1891<br>F. Mar. 1895 | *Longsdon, Ernest Morewood | The Hollow, Little Longstone, near Bakewell, Derbyshire. |
| A. Oct. 1906<br>F Mar. 1920 | *§Lord, Frederick William .. | District Valuer's Office, The Old Skating Rink, Doncaster. |
| Oct. 1921 | Lorimer, Allan Aitken .. | Old Town House, Dundee. |
| Oct. 1919 | Lovegrove, Gilbert Henry, F.R.I.B.A. .. .. .. .. | 374, Old Street, E.C.2. |
| Nov. 1887 | Lovegrove, Henry, A.R.I.B.A. .. | 18, Foxgrove Road, Beckenham, Kent. |
| Jan. 1922 | Low, James Bartley Hyde .. | 74, Duke Street, Chelmsford. |
| Oct. 1923 | *Lowden, Charles Gordon .. | 18-24, Cornwallis Street, Barrow-in-Furness. |
| Jan. 1922 | Lowries, William John .. | 33, Furnival Street, E.C.4. |
| A. Oct. 1911<br>F. Apr. 1920 | *Lucas, Arthur Littlejohns.. | 23, Budge Row, E.C. |
| A. Nov. 1892<br>F. June 1897 | *Lucas, John Archibald, F.R.I.B.A. | Guildhall Chambers, High Street, Exeter. |
| A. Oct. 1903<br>F. June 1919 | *Lucas, John Clay .. .. .. | 51, Lincoln's Inn Fields, W.C.2. |
| Feb. 1890 | Ludlow, Walter Robert, Brig.-General, C.B. | 19, Temple Street, Birmingham, and Lovelace Hill, Solihull, Warwickshire. |
| A. Feb. 1902<br>F. Oct. 1918 | *Luffingham, William John .. | 18, Brockley Rise, Forest Hill, S.E. |
| A. Oct. 1899<br>F. Oct. 1915 | *Luke, John.. .. .. .. .. | Town Hall, Manchester. |
| Oct. 1924 | Luke, William .. .. .. | 12, Salisbury Avenue, Belfast. |
| A. Oct. 1899<br>F. June 1900 | *Luker, Dyneley .. .. .. | 63, Lincoln's Inn Fields, W.C.2. |
| Jan. 1922 | Lunn, W. H. H. .. .. .. | Broadway Court, Broadway, Westminster, S.W.1. |
| Oct. 1909 | Lyle, Sydney J., Capt. .. .. | Ballycastle, Co. Antrim. |

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|---|---|---|---|
| 5612 | Oct. 1909 | *Lynam, George Trotter.. .. | Town Hall, Burton-on-Trent. |
| 8818 | Jan. 1922 | Lynam, Richard Blowen .. | 11, Duke Street, St. James, S.W.1 |
| 7677 | Nov.1916 | *Lynam, William Thomas, A.M.I.C.E. | Surveyors' Dept., Union Offices Hemsworth, near Wakefield. |
| 4465 | A. Oct. 1904 F. Nov. 1912 | *Lynde, Walter Mighells .. | P.O. Box 62, Nairobi, Kenya Colony |
| 3569 | A. Oct. 1899 F. Jan. 1903 | *Lynes, Humphrey Dod .. .. | Lydbury House, Lydbury North Salop. |
| 2692 | A. Oct. 1894 F. Apr. 1922 | Lyons, Edward Colvill .. | Estate Office, Eccleshall, Staffs. |
| 6450 | A. Feb. 1912 F. Dec. 1921 | *Lyster, Frank Oliver .. .. | Parish Offices, Brownlow Hill, Liverpool. |
| 1743 | Feb. 1890 | Lywood, Edwin.. .. .. .. | 39, Weyhill Road, Andover, Hants. |
| 6316 | A. Oct. 1911 F. Oct. 1920 | *Macaulay, James .. .. .. | 37, St. Vincent Crescent, Glasgow, |
| 8383 | Oct. 1921 | McAuley, James Joseph .. | 6, Ely Place, Dublin. |
| 7761 | Nov. 1918 | *‡McBeath, David Keir .. .. | Broxwood, Sandbank, Argyllshire |
| 2315 | Nov. 1891 | Maccallum, Alexander Duncan | 2, Ethel Terrace, Mount Florida Glasgow. |
| 8384 | Oct. 1921 | McCarthy, John .. .. .. | 6, Ely Place, Dublin. |
| 9314 | Oct. 1924 | McCarthy, William Joseph .. | 123, Scottish Provident Building Belfast. |
| 7752 | Nov. 1918 | McClure, Robert Nash .. .. | Estate Office, Tralee, Co. Kerry. |
| 7667 | Nov. 1916 | McConnell, Joseph .. .. | 37, Royal Avenue, Belfast. |
| 2322 | Nov. 1891 | McCracken, William .. .. | Englesea House, Crewe. |
| 1664 | A. Dec. 1889 F. Mar. 1895 | *§MacDonald, Arthur, M.A. (*Cantab.*) .. .. .. .. .. | Tring, Herts. |
| 9139 | Oct. 1923 | McDougall, William Wight | H.M.O.W., Westminster, S.W.1. |
| 8824 | Jan. 1922 | McEwan-Waghorn, Arthur Ewan | 7 & 8, King William Street, Strand W.C.2. |
| 5500 | A. Oct. 1908 F. Oct. 1911 | *McGhie, Charles .. .. .. | 38, Collingwood Buildings, Collingwood Street, Newcastle-on-Tyne. |
| 5340 | Feb. 1908 | McHarrie, Stair .. .. .. | Rephad, Stranraer, Wigtownshire. |
| 5215 | A. Oct. 1907 F. May 1909 | *McIlwraith, John Forsyth .. | 20, The Mall, Southgate, N.1 (Middlesex). |
| 7276 | A. Oct. 1913 F. July 1920 | *Mackay, David Meikle .. | 189, St. Vincent Street, Glasgow. |
| 8820 | Jan. 1922 | Mackenzie, Charles Evernden | 102, Bishopsgate, E.C.2. |
| 7484 | Oct. 1914 | McKie, Henry Bannerman .. | Freeland, Bishopston, Renfrewshire |

‡ Special Forestry Diploma.

| | Date of Election and of Tarnsfer. | FELLOWS. | Address. |
|---|---|---|---|
| 1 | Oct. 1908 | McLaren, John Thomas .. .. | The Leuchold, Dalmeny Park, Edinburgh. |
| 2 | A. Nov.1918 F. July 1921 | *Maclean, Peter McKinnon | 30, Annette Street, Crosshill, Glasgow. |
| 1 | Feb. 1908 | McMichael, James .. .. .. | 1, Argyll Arcade, Glasgow. |
| 1 | Oct 1914 | McMillan, John Knox .. .. | 6, Ely Place, Dublin. |
| 3 | Oct. 1919 | McNair, Andrew Thomson .. | General Valuation Office, 6, Ely Place, Dublin. |
| 5 | Oct. 1921 | McNeill, James .. .. .. | 113, Royal Avenue, Belfast. |
| 6 | Feb. 1899 | Macpherson, William .. .. | Montrose Estates Office, Catter House, Drymen, Stirlingshire. |
| 0 | A. Oct. 1911 F. Nov. 1917 | *MacRobbie, William Alexander .. .. .. .. .. | 102, Desswood Place, Aberdeen. |
| 4 | A. Oct. 1906 F. July 1922 | *McSheehy, John Edward Gerard .. .. .. .. | 26, Buckingham Gate, S.W.1. |
| 94 | A. Oct. 1910 F. Sep. 1919 | *§McTaggart, Hugh Harvey .. | 60, Falcon Avenue, Morningside, Edinburgh. |
| 8 | A. Oct. 1907 F. Apr. 1920 | *Maddock, George .. .. .. | 10, Harrison Road, Halifax, Yorks. |
| 7 | Nov. 1891 | ‡Madge, John .. .. .. .. | Somerset House, Chard, Somersetshire. |
| 0 | A. Oct. 1903 F. Apr. 1911 | *Madge, Wilfrid .. .. .. | 29, Abingdon Street, S.W.1. |
| 3 | A. Oct. 1900 F. Feb. 1908 | *Maggs, Leonard .. .. .. | The Hollies, Walnut Grove, Radcliffe-on-Trent, Nottinghamshire. |
| 2 | A. Oct. 1905 F. June 1911 | *Makins, James Vincent.. .. | 30, George Square, Glasgow. |
| 6 | A. Oct. 1910 F. Sept. 1917 | *Malcom, James Archie .. .. | 53, Hanover Street, Edinburgh. |
| 7 | A. Oct.1910 F. Jan. 1922 | Mallett, John Graham .. | Lonsdale Chambers, 27, Chancery Lane, W.C.2. |
| 5 | Oct. 1904 | *Maltby, Charles Midlam .. | 46, Knightsbridge, S.W.1. |
| 2 | A. Oct. 1912 F. Feb. 1918 | *Mann, Charles .. .. .. | 45, Commercial Street, Dundee. |
| 94 | A. Oct. 1894 F. July 1922 | Mann, Frederick Charles Thomas .. .. .. .. .. | Woking, Surrey. |
| 9 | Nov. 1891 | Mann, Jabez, A.M.I.C.E. .. .. | 2, Tubs Hill, Sevenoaks, Kent. |
| 4 | Apr. 1890 | Mann, J. Bagshaw .. .. .. | 12, Lower Grosvenor Place, S.W. |
| 6 | A. Oct. 1920 F. Nov. 1924 | Mann, Percy .. .. .. .. | 30, Lauradale Road, Fortis Green, N.2. (Middlesex). |
| 4 | A. Jan. 1889 F. Feb. 1893 | *Mann, Robert Bagshaw.. .. | 10, Bedford Row, W.C.1. |
| 9 | Jan. 1922 | Mann, Walter .. .. .. | 30, Rosemount Avenue, North Finchley, N.12 (Middlesex). |
| 7 | A. Oct. 1920 F. Dec. 1922 | *Manson, Thomas Beaton .. | 3, Loreburn Park, Dumfries. |
| 1 | Jan. 1922 | Marchant, Robert .. .. | No. 6, Fifth Floor, 2, Wellington Place, Belfast. |
| 5 | A Oct. 1906 F. Feb. 1919 | *Markham, Christopher William O'Leary | Rolls Chambers, 89, Chancery Lane, W.C.2. |
| 6 | Oct. 1911 | *Markham, Frederick Warren | 90, Deansgate, Manchester. |

‡ Special Forestry Diploma.

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|---|---|---|---|
| 1947 | Jan. 1891 | MARKS, HYMAN .. .. .. .. | 19, Ludgate Hill, E.C. |
| 7606 | A. Oct. 1915<br>F. Apr. 1924 | *MARNS, ALBERT HENRY .. .. | c/o Thurgood, Martin & Eve, 2 Chancery Lane, W.C.2. |
| 3864 | A. Oct. 1901<br>F. Dec. 1923 | *MARRIAN, HAROLD GREENWOOD, A.M.I.C.E. | 3, Main Street, Coatbridge, Lanarkshire. |
| 5503 | A. Oct. 1908<br>F. Oct. 1909 | *MARSDEN, JOHN WILLIAM.. .. | Valuation Dept., 78, King's Stree Manchester. |
| 5723 | A. Oct. 1909<br>F. Oct. 1910 | *§◖MARSH, FREDERICK STEPHEN.. | 7, Park Avenue, Northampton. |
| 7558 | Oct. 1915 | MARSH, JOHN WILTON .. .. | City Hall, Charing Cross Road, W. |
| 7562 | Oct. 1915 | MARSH, THOMAS ASPINALL .. | Leaders Buildings, King Stree Wigan. |
| 626 | A. Nov. 1881<br>F. Nov. 1884 | MARSHALL, LIONEL HASLER .. | Chippenham. |
| 2631 | A. Feb. 1894<br>F. Oct. 1897 | *§MARTIN, ALFRED JOHN .. .. | Alton, Hants. |
| 5219 | A. Oct. 1907<br>F. Nov. 1922 | *MARTIN, FREDERICK MARK .. | Town Hall, Basingstoke, Hants. |
| 4996 | A. Oct. 1906<br>F. Jan. 1912 | *MARTIN, HARRISON .. .. .. | 27, Chancery Lane, W.C. |
| 1555 | A. Jan. 1889<br>F. Jan. 1896 | *§MARTIN, HEBER GAMBLING .. | Littleport, Isle of Ely. |
| 3714 | A. Oct. 1900<br>F. Feb. 1908 | *MARTIN, JOHN PATTINSON.. .. | The Estate Office, Station Approac Seaford, Sussex. |
| 2559 | A. Oct. 1893<br>F. Mar. 1898 | *MARTIN, SAMUEL.. .. .. .. | Valuation Office, Inland Revenu Lincoln's Inn Fields, W.C. |
| 1533 | A. Dec. 1888<br>F. July 1892 | *‡MARTIN, THOMAS, CAPT. .. | 39, Osborne Road, Palmer's Gree N.13 (Middlesex). |
| [5504 | A. Oct. 1908<br>F. June 1919 | *MARTIN, VICTOR CALLINGHAM .. | 17, Bedford Row, W.C. |
| 1589 | Feb. 1889 | MARVIN, ALBERT EDWARD.. .. | The Grove, Carisbrooke, Isle Wight. |
| 3478 | Feb. 1899 | MARWICK, THOMAS PURVES .. | 43, York Place, Edinburgh. |
| 5505 | A. Oct. 1908<br>F. June 1919 | *MASKELL, REGINALD .. .. | 3, Warwick Court, Gray's Inn, W |
| 4998 | A. Oct. 1906<br>F. Oct. 1923 | *MASLEN, THOMAS PATRICK VINCENT | Valuation Office, 111-113, Gre Portland Street, W. |
| 4755 | A. Oct. 1905<br>F. Apr. 1921 | *MASON, ARNOLD STEWART .. | Engineer's Department, Corporat Waterworks, Liverpool. |
| 1598 | Mar. 1889 | MASON, CHARLES.. .. .. .. | Newton House, Queen Street, Lou Lincolnshire. |
| 1677 | A. Dec. 1889<br>F. June 1908 | *MASON, CHARLES WILLIAM HAYLEY, O.B.E. .. .. .. | 59, Broadhurst Gardens, N.W.6. |
| 4029 | A. Oct. 1902<br>F. Jan. 1906 | *MASON, HERBERT WALTER .. | The Hutch, Ferndale Road, Banste Surrey. |
| 1288 | A. Dec. 1885<br>F. Nov. 1888 | *MASSIE, FRANK, M.I.C.E. .. .. | Tetley House, Kirkgate, Wakefi |
| 3865 | A. Oct. 1901<br>F. Oct. 1913 | *MASTERS, WILLIAM HENRY .. | Freemantle Lodge, Foundry La Southampton. |
| 3715 | A. Oct. 1900<br>F. Nov. 1901 | *MATHER, JAMES .. .. .. .. | Ravelston Bank, Blackhall, M lothian. |

◖ Special Rating Diploma. ‡ Special Forestry Diploma.

| Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|
| A. Oct. 1915<br>F. Apr. 1923 | *MATHEW, ROBERT CHARLES .. | Bedford Row House, 58, Theobald's Road, W.C.1. |
| A. Oct. 1893<br>F. Apr. 1896 | *MATHEWS, LEWIS OSLER, M.A. (*Cantab.*) .. .. .. .. .. | 12, Waterloo Street, Birmingham. |
| Oct. 1913 | *MATHISON, JOSEPH .. .. .. | Langport, Somerset. |
| A. Oct. 1912<br>F. Dec. 1919 | *MATKIN, GEORGE EDWARD.. .. | Town Hall, Sunderland, Durham. |
| A. Oct. 1907<br>F. July 1923 | *MATTHEWS, DOUGLAS PERCIVAL | Valuer's Office, Barclay Bank Chambers, Princess Square, Plymouth. |
| A. Oct. 1899<br>F. Oct. 1900 | *MATTHEWS, DOUGLAS SAMUEL | 15, Soho Square, W.1. |
| Jan. 1922 | MATTHEWS, HAROLD SCOBELL | 41, Billington Road, New Cross, S.E.14. |
| A. Oct. 1912<br>F. Oct. 1913 | *§†¶MATTHEWS, MAURICE KERSHAW | 77, Tottenham Court Road, W. |
| Sep. 1895 | MAUDE, CHRISTOPHER HUGH .. | Lenaghan, Enniskillen, Co. Fermanagh. |
| Jan. 1922 | MAUNDER, HENRY NEWMAN .. | P.W.D., Mauritius. |
| Oct. 1909 | MAUNSELL, GEORGE EDWARD SCARLETT | The Barton, Nymel Barton, Lapford, Devonshire. |
| Sep. 1895 | MAUNSELL, RICHARD EDWARD.. | 6, Merrion Square, N. Dublin. |
| A. Oct. 1901<br>F. Sep. 1902 | *MAXWELL, DAVID BENJAMIN .. | Riverside, Great Blakenham, Ipswich. |
| Oct. 1898 | *MAXWELL, JOSEPH ARCHIBALD.. | 21, Marlborough Road, Banbury, Oxfordshire. |
| Nov. 1891 | MAY, THOMAS HENRY .. .. | "Harefield," Marlborough Road, Buxton, Derbyshire. |
| A. Oct. 1910<br>F. Oct. 1914 | *MAY, WILLIAM STOKES .. .. | 21, Hart Street, Bloomsbury Square, W.C. |
| A. Oct. 1903<br>F. June 1910 | *MAYHEW, ROBERT HENRY JEWERS, A.R.I.B.A. | Edmondsbury, Genoa Road, Anerley, S.E. (Surrey). |
| A. Oct. 1899<br>F. May 1903 | *MEABY, THOMAS JAMES .. .. | 1, Springfield Road, Parkstone, Dorsetshire. |
| A. Oct. 1902<br>F. June 1912 | *§MEACHER, EDMOND, MAJOR .. | 10, Denbigh Gardens, Richmond, Surrey. |
| Oct. 1909 | MEDCALF, WILLIAM .. .. .. | 6, Clare Street, Dublin. |
| A. Oct. 1914<br>F. Oct. 1920 | *MEDRINGTON, ARTHUR CHARLES PERCY, M.A. (*Cantab.*) | Oriel Chambers, Water Street, Liverpool. |
| Jan. 1891 | MELLOR, THOMAS HENRY .. .. | 1, Sillwood Place, Brighton. |
| A. Jan. 1888<br>F. Sep. 1902 | *†MELROSE, FRANK.. .. .. .. | 3–4, Clement's Inn, W.C.2. |
| A. Oct. 1913<br>F. July 1920 | *MELVIN, CHARLES JOHN .. | Britannic House, 23, Great Winchester Street, E.C.2. |
| Oct. 1921 | *MENDHAM, JOHN BERNARD .. | 31, Craven Street, W.C.2. |
| Mar. 1887 | MENZIES, WILLIAM .. .. .. | Golspie, Englefield Green, Surrey. |
| A. Oct. 1894<br>F. June 1897 | *MERCER, CHARLES EDWARD .. | Estate Office, S.E. Railway, Tooley St., London Bridge Station, S.E. |
| A. Oct. 1906<br>F. July 1921 | *MERRETT, HAROLD THRIFT .. | 5, Great College Street, Westminster Abbey, S.W. |

† Special Sanitary Science Diploma. ¶ Special Rating Diploma.

| Dip. No. | Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|---|
| 1145 | A. Apr. 1884<br>F. Apr. 1922 | MERRETT, JAMES .. .. | 5, Great College Street, S.W.1. |
| 1972 | A. Jan. 1891<br>F. Dec. 1894 | *§MERRY, ARTHUR WALKER.. .. | 17, High Street, Leighton Buzzar Beds. |
| 2099 | May 1891 | MERRY, THOMAS .. .. .. .. | Barclay Bank Chambers, St. Gi Square, Northampton. |
| 2646 | Oct. 1894 | *MESSENGER, HENRY .. .. .. | 77, Chancery Lane, W.C. |
| 746 | Feb. 1882 | MESSENGER, WILLIAM HARRY .. | Town Hall Chambers, Guildford. |
| 5728 | A. Oct. 1909<br>F. Sep. 1919 | *METCALFE, WILLIAM .. .. .. | North Moor Lodge, Westfield Driv Gosforth, Northumberland. |
| 2536 | A. Nov.1892<br>F. July 1922 | MEW, ROBERT HEATH .. .. | 119, Moorgate, E.C.2. |
| 1223 | Dec. 1884 | *‡MICHELMORE, ALFRED .. .. | Gate House, Totnes, Devon. |
| 8372 | Oct. 1921 | MICHIE, DAVID KINLOCH .. | Elderslie Estates Office, Renfrew |
| 7891 | A. Nov.1918<br>F. May 1924 | MIDDLETON, ALAN EDWIN, CAPTAIN .. .. .. .. | 47, The Parade, Leamington Spa. |
| 5342 | Feb. 1908 | MIDDLETON, JAMES .. .. .. | Estate Office, Braehead, Kilmarnock |
| 1493 | Nov. 1888 | MIDDLETON, REGINALD EMPSON, M.I.C.E. .. .. .. .. .. | 90, Kensington Park Road, W. |
| 6005 | A. Oct. 1910<br>F. Oct. 1914 | *MILLAR, ALEXANDER WALKER.. | 37, Frederick Street, Edinburgh. |
| 2326 | Nov. 1891 | MILLAR, WILLIAM GALT .. .. | 1, Arcade Chambers, Reading. |
| 8263 | A. Oct. 1920<br>F. July 1923 | *MILLEN, GEORGE ROBERT MENELAUS | c/o C. Henry Bond & Co., 40, Buc ingham Gate, S.W.1. |
| 3070 | Oct. 1896 | *MILLER, JOHN EZRA .. .. .. | 4, Brookside Ter., Sunderland, Durha |
| 2145 | A. May 1891<br>F. May 1892 | *MILLER, JOHN JOSEPH, A.R.I.B.A. | 8, Poplar Grove, Hammersmith, W. |
| 7517 | Oct. 1914 | MILLER, WILLIAM MITCHELL .. | 12, St. Andrew's Square, Edinburgh |
| 6776 | A. Oct. 1912<br>F. July 1922 | *MILLS, ARTHUR CORFE .. .. | Messrs. Deacon, 47, Foregate Stre Worcester. |
| 3716 | A. Oct. 1900<br>F. Dec. 1903 | *MILLS, ARTHUR ERNEST .. .. | General Valuation Office, 6, Ely Pla Dublin. |
| 3869 | A. Oct. 1901<br>F. Dec. 1918 | *MILLS, DANIEL .. .. .. .. | Valuation Office, Inland Reven Union Chambers, Coventry. |
| 7502 | Oct. 1914 | MILLS, FREDERICK PETER.. .. | 47, Linden Road, Gosforth, Ne castle-on-Tyne. |
| 1177 | May 1884 | MILLS, SAMUEL MEALING .. .. | 2, Upper King Street, Norwich. |
| 1305 | Feb. 1886 | MILLS, WILLIAM EDWARD .. .. | 57, Hamilton Square, Birkenhe |
| 2328 | Nov. 1891 | MILLYARD, JOHN WILLIAM.. .. | Estate Office, Littlebridge, Bromy Herefordshire. |
| 5222 | A. Oct. 1907<br>F. Mar. 1920 | *§MILNE, JAMES LOGIE .. .. | 43, Cannon Street, Birmingham. |
| 5002 | A. Oct. 1906<br>F. Apr. 1915 | *MILNES, CHARLTON .. .. .. | 57, Hamilton Square, Birkenhead |
| 4867 | A. Feb. 1906<br>F. Nov. 1913 | *MIRAMS, ARTHUR EDWARD .. | Poona, Bombay Presidency, India. |
| 6996 | Oct. 1913 | MITCHELL, GEORGE BENNETT, M.B.E., D.L. | 1, West Craibstone Street, Accord Square, Aberdeen. |
| 2463 | A. Nov. 1891<br>F. Oct. 1[illegible] | *MITCHELL, GEORGE SHARMAN .. | Broadbridge Place, Horsham, Susse |

‡ Special Forestry Diploma. § Special Rating Diploma.

| Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|
| A. Oct. 1903<br>F. June 1911 | *MITCHELL, HAROLD HASTINGS .. | Hazelwood, West Malvern, near Great Malvern, Worcester. |
| Oct. 1912 | *MITCHELL, JOSEPH .. .. .. | Lloyds Bank Chambers, Carlisle. |
| A. Feb. 1906<br>F. Feb. 1918 | *MITCHELL, SIDNEY .. .. .. | District Valuer's Office, 29–31, Hatfield Road, St. Alban's, Herts. |
| Feb. 1915 | MITTON, HENRY EUSTACE.. .. | Ormonde Fields, Codnor, Derby. |
| A. June 1896<br>F. Nov. 1916 | *MOERAN, ARCHIBALD EDWARD | Portumna Castle, Portumna, Co. Galway. |
| A. Oct. 1904<br>F. July 1918 | *‡MOISER, CYRIL .. .. .. .. | Valuation Department, Priory Avenue, Taunton. |
| Feb. 1890 | MONCKTON, HENRY PERCIVAL, F.R.I.B.A. .. .. .. .. .. | 32, Walbrook, E.C. |
| Oct. 1907 | *MONSON, EDWARD CHARLES PHILIP, F.R.I.B.A. | Finsbury Pavement House, E.C., and 182, High Street, Acton, W. (Middlesex). |
| Oct. 1912 | MONTGOMERY, HARFORD HUGH | 2, Howard Street, Belfast. |
| A. Oct. 1905<br>F. June 1910 | *MONTGOMERY, WILLIAM ALEXANDER, MAJOR, D.S.O., C.B.E... | 2, Howard Street, Belfast. |
| Jan. 1922 | MOODY, THOMAS JAMES .. .. | 21, Hart Street, Bloomsbury, W.C.1. |
| A. Oct. 1901<br>F. June 1919 | *MOORE, ARTHUR WILLIAM.. .. | Rodney House, Alton, Hants. |
| A. Oct. 1903<br>F. Oct. 1913 | *MOORE, ERNEST LLEWELLYN .. | Wellesley House, 7, Mill Lane, West Hampstead, N.W. |
| A. May 1884<br>F. May 1888 | *MOORE, HAROLD EDWARD.. .. | 41, Bedford Row, W.C. |
| A. Oct.1912<br>F. Nov.1916 | *MOORE, HAROLD ELLIS .. .. | 39, Denmark Road, Gloucester. |
| Jan. 1922 | MOORE, THOMAS .. .. .. | 16 & 17, Connaught Buildings, St. Andries St., Pretoria, S. Africa. |
| Oct. 1921 | MORAN, PATRICK J. .. .. .. | 3, Windsor Terrace, Kingstown, Co. Dublin. |
| Oct. 1914 | MORE, WILLIAM HENRY .. .. | Crown Lodge, Harlech, N. Wales. |
| Nov. 1891 | MORGAN, BENJAMIN BRAUFORD | 1, Upper King Street, Norwich. |
| A. Oct. 1907<br>F. Dec. 1914 | *MORGAN, THOMAS EDWIN .. .. | 3 & 4, Lincoln's Inn Fields, W.C. |
| Oct. 1914 | MORGANS, GODFREY EWART, LT.-COL. .. .. .. .. .. | 16, Rue de l'abbé de l'épeé, Paris (V°). |
| A. Oct. 1911<br>F. Dec. 1912 | *§MORLEY, ERIC, F.R.I.B.A. .. .. | 14, Park Drive, Bradford. |
| A. Oct. 1898<br>F. Sep. 1919 | *MORRIS, ARTHUR.. .. .. .. | Valuation Office, Inland Revenue, West St. Mary's Gate, Grimsby. |
| A. Oct. 1910<br>F. Mar. 1920 | *§MORRIS, CLIFFORD .. .. | Elmhurst, Welshpool, Montgomery. |
| Jan. 1888 | MORRIS, EDWARD HENRY .. .. | Elmhurst, Welshpool, Montgomery. |
| A. Nov. 1892<br>F. Oct. 1894 | *MORRIS, RICHARD PERCIVAL .. | 21, Montserrat Road, Putney, S.W. |
| Nov. 1916 | MORRIS, WILLIAM .. .. .. | 77, King Street, Manchester. |
| A. Oct. 1894<br>F. Oct. 1899 | *MORRIS, WILLIAM HENRY.. .. | Monksfield, Chirbury, Shropshire. |

‡ Special Forestry Diploma.

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|---|---|---|---|
| 3671 | A. Oct. 1900<br>F. Oct. 1909 | *Morris-Davies, James George | Hafod Estate Office, Devil's Brid<br>S.O., Cardiganshire. |
| 7008 | Oct. 1913 | *Morrish, William James Marmaduke, B.A., F.R.I.B.A. | Wyke Road, Gillingham, Dorset. |
| 8929 | Nov. 1922 | Morrison, Charles Archer | H.M. Office of Works, Storey's Ga<br>S.W.1. |
| 3872 | A. Oct. 1901<br>F. Mar. 1909 | *Morrison, Ivor Charles.. .. | Otterleigh, St. Albans, Herts. |
| 8827 | Jan. 1922 | Morter, Henry Arthur .. | 102, Bishopsgate, E.C.2. |
| 8828 | Jan. 1922 | Morton, William .. .. .. | 45, John Street, Sunderland. |
| 7299 | A. Oct. 1913<br>F. Mar. 1920 | *Morton, William David .. | 2, Salisbury Road, Dover. |
| 7009 | Oct. 1913 | *Motion, Sidney Herbert .. | 23, Hart Street, Bloomsbury, W.C. |
| 3575 | A. Oct. 1899<br>F. Jan. 1912 | *Mumby, Elvin Fowler .. .. | 54, Victoria Street, S.W.1. |
| 8829 | Jan. 1922 | Mumby, Thomas Neville Camomile | Parliament Mansions, Victoria Stre<br>Westminster, S.W.1. |
| 4219 | A. Oct. 1903<br>F. Oct. 1910 | *Mundell, Joseph Edward, A.R.I.B.A. | 305, Finchley Road, Hampste<br>N.W.5. |
| 6473 | Oct. 1912 | Murphy, J. H. Burke .. .. | Cultra Lodge, Cultra, Co. Down. |
| 7735 | Nov. 1918 | Murray, John, F.R.I.B.A. .. | 11, Suffolk Street, Pall Mall, S.W |
| 3479 | Feb. 1899 | Murray, John Campbell | Pollock Estates Office, 120, W<br>Regent Street, Glasgow. |
| 3480 | Feb. 1899 | Murray, Joseph.. .. .. .. | Camperdown Estates Office, Drybur<br>Lochee, Forfarshire. |
| 3481 | Feb. 1899 | Murray, William Watson .. | Catter House, Drymen, Stirlingshir |
| 8270 | A. Oct. 1920<br>F. Nov. 1922 | *Murrell, George Herbert James | St. Mary's House, Quarry Str<br>Guildford. |
| 4760 | A. Oct. 1905<br>F. Oct. 1911 | *§Murrell, Sidney James .. .. | District Valuer, 6, Gluman G<br>Chesterfield. |
| 7529 | A. Oct. 1914<br>F. Oct. 1924 | *Musgrave, Harold .. .. | c/o J. Birkett & Son, Land Age<br>Penrith. |
| 6784 | A. Oct. 1912<br>F. Nov. 1922 | *Musgrave, Thomas Harold.. | 17, Eldon Square, Newcastle-on-T |
| 5588 | Oct. 1909 | Myers, Albert Robert .. .. | H.M. Office of Works, King Cha<br>Street, Westminster, S.W. |
| 6147 | Oct. 1911 | *Myers, Legender William.. | 13, Gray's Inn Square, W.C.1. |
| 1591 | Feb. 1889 | Napier, Henry Burroughes (*Member of Council*) | Ashton Court Estate Office, Long As<br>Clifton, Bristol (Somerset). |
| 164 | A. Jan. 1869<br>F. Mar. 1882 | Nash, Alfred James.. .. .. | Farnham, Surrey. |

| Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|
| Oct. 1904 | NASH, SIR VINCENT, D.L. .. .. | 85, George Street, Limerick. |
| A. Oct. 1904 F. Dec. 1912 | *NAYLOR, JOHN STUART .. .. | 8, Lancaster Place, Strand, W.C. |
| Feb. 1879 | NEAME, FREDERICK .. .. .. | Macknade, Faversham, Kent. |
| Apr. 1882 | NEATE, ARTHUR WEBB .. .. | 8, St.Mary's Hill, Newbury,and Hungerford, Berkshire. |
| Feb. 1906 | NEIGHBOUR, WILLIAM FRANCIS.. | 55 & 56, Chancery Lane, W.C.2. |
| A. Oct. 1909 F. Apr. 1915 | *NEIL, DAVID MAXWELL .. .. | 13A, Westcliff Park Drive, Southend-on-Sea. |
| Nov. 1918 | NEILL, HUGH .. .. .. .. | 87, Union Street, Glasgow. |
| A. Oct. 1902 F. June 1904 | *NEILL, JAMES NEILL .. .. .. | 38, Park Row, Leeds. |
| A. Oct. 1898 F. Feb. 1900 | *NESBITT, JOHN OSCAR.. .. .. | 8, Oxford Street, Nottingham. |
| A. Oct. 1907 F. Apr. 1922 | *NEWBERY, GEORGE HERBERT.. | 14, Mount Street, W. |
| A. Oct. 1903 F. Nov. 1908 | *NEWBORN, CHARLES REGINALD | 6, New Square, Lincoln's Inn, W.C.2. |
| Feb. 1890 | NEWILL, ROBERT HENRY .. .. | Essex Lodge, All Stretton, Church Stretton, Shropshire. |
| A. Oct. 1912 F. July 1922 | *NEWLING, ARTHUR GWYN .. | Langdale, Storeton Road, Prenton, Birkenhead. |
| A. Oct. 1902 F. Apr. 1908 | *NEWMAN, BERNARD .. .. .. | 19, Villiers Road, Southall, W. (Middlesex). |
| A. Oct. 1899 F. Jan. 1912 | *NEWMAN, HENRY ARTHUR, A.M.I.C.E. | Council Offices, Church End, Finchley, N. (Middlesex). |
| A. Oct. 1908 F. Oct. 1924 | *NEWMAN, PERCIVAL CORNEY, A.R.I.B.A. .. .. .. .. | 32, Walbrook, E.C.4. |
| A. Nov. 1892 F. Oct. 1894 | *NEWMAN, SAMUEL FRANK.. .. | 33 and 34, Savile Row, W. |
| A. Jan. 1880 F. Apr. 1886 | NEWMARCH, HENRY CHARLES .. | 29, Bedford Row, W.C. |
| Nov. 1916 | NEWTON, ROBERT .. .. .. | Killymeal, Dungannon. |
| A. Oct. 1910 F. Apr. 1922 | *NICHOLLS, CHARLES WILLIAM.. | Estate Office, Ministry of Munitions Holbrook Lane, Coventry. |
| A. Oct. 1911 F. Dec. 1920 | *NICHOLLS, DOUGLAS RICHARD, MAJOR, R.E. .. .. .. .. | Chard, Somerset. |
| A. Oct. 1898 F. Oct. 1905 | *NICHOLSON, GUY MURRAY .. .. | 55 & 56, Chancery Lane, Holborn, W.C.2. |
| A. Oct. 1911 F. July 1913 | *NICHOLSON, JAMES .. .. .. | 15, Westwood Road, Bolton, Lancs. |
| Nov. 1891 | NICHOLSON, WILLIAM ABERNETHY | 1 and 2, Queen Street, Cheapside, E.C. |
| A. Oct. 1914 F. July 1922 | *NICOL, FRANK CLAUDE .. .. | 317, High Holborn, W.C.1. |
| Oct. 1920 | NIGHTINGALE, CHARLES FREDERICK .. .. .. .. | 145, Lichfield Street, Walsall. |
| Nov. 1922 | NISBET, JOHN .. .. .. .. | 30, George Square, Glasgow. |
| Jan. 1922 | NIXON, ERNEST DERMOT.. .. | 7, Warwick Court, High Holborn, W.C.1. |
| A. Oct. 1904 F. Nov. 1913 | *§NORMAN, CHARLES FREDERICK.. | 83, Kingsway, W.C.2. |

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|---|---|---|---|
| 5383 | Oct. 1908 | *Norman, Herbert John .. .. | Cave House, Uxbridge, Middlese and Valuation Office, Inla Revenue, 18, Shoot-up H Brondesbury, N.W. |
| 6452 | A. Feb. 1912 F. Dec. 1919 | *Norman, Stuart Henry.. .. | Auction Mart, Halford Street, L cester. |
| 255 | Feb. 1871 | Notley, Richard Albert .. | 14, Bow Lane, Cannon Street, E.C. |
| 8832 | Jan. 1922 | Nunn, Samuel Thomas .. .. | 18, Grosvenor Gardens. Westminst S.W.1. |
| 3978 | A. Oct. 1895 F. May 1898 | *Nuttall, Herbert, A.M.I.C.E., F.G.S. | 30, Highgate Avenue, Fulwood, Pr ton. |
| 3409 | A. Oct. 1898 F. Dec. 1904 | *Nutter, John .. .. .. .. | Valuation Dept., 2, Queen Stre Lancaster. |
| 4225 | A. Oct. 1903 F. Feb. 1919 | *Nye, Haydn Percival .. .. | 52, Chapel Road, Worthing. |
| 2465 | A. Nov. 1891 F. Oct. 1894 | *Oakley, Christopher Percival | 29, Romford Road, Stratford, (Essex). |
| 2020 | Mar. 1891 | Oakley, Edward Benjamin .. | Hinton Chambers, Bournemouth. |
| 1975 | A. Jan. 1891 F. Dec. 1892 | *Oakley, Sir John Hubert (*Past-President*) | 4 and 5, Charles Street, St. James's Squ S.W. |
| 3577 | A. Oct. 1899 F. Apr. 1901 | *O'Brien, Donough Richard .. | 74, O'Connell Street, Limerick. |
| 7504 | Oct. 1914 | O'Donahue, Thomas Aloysius | Medhurst, Worcester Road, Malve |
| 8934 | Nov. 1922 | O'Ferrall, Gerald More .. | Edgeworthstown, Co. Longford. |
| 1976 | A. Jan. 1891 F. Jan. 1894 | *Ogden, Michael Guy .. .. | 4, Hill Road, Wimbledon, S. (Surrey). |
| 3249 | A. Oct. 1897 F. Oct. 1899 | *Ogilvie, Robert Mathewson.. | Market Place, Hayward's Hea Sussex. |
| 4765 | A. Oct. 1905 F. Mar. 1920 | *Oldfield, Claude Courtenay | 54, Regent Road, Great Yarmou |
| 5005 | A. Oct. 1906 F. Nov. 1907 | *Oldham, James .. .. .. .. | The Estate Agent, North East Area, L. & N.E. Rly., York. |
| 2342 | Nov. 1891 | Oliver, Charles Edward .. | 8, Bristol Terrace, Newcastle-on Tyne. |
| 6794 | A. Oct. 1912 F. July 1921 | *Oliver, William Marsh .. | 19, St. Michael's Street, West Bro wich, Staffs. |
| 1306 | Feb. 1886 | Orgill, John Berwick .. .. | 75, Onslow Square, South Kensing S.W.7. |

| Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|
| A. Oct. 1910<br>F. Apr. 1916 | *Orpen, Alfred .. .. .. .. | 126, Maida Vale, W. |
| A. Oct. 1909<br>F. Mar. 1920 | *Osborn, George .. .. .. | Oakhill House, Parker's Road, Sheffield. |
| A. June 1896<br>F. June 1899 | *Osenton, Charles .. .. .. | Leatherhead, Surrey. |
| A. Oct. 1903<br>F. Nov. 1909 | *‡Osmond-Smith, Francis Henry George, M.R.A.C. | County Land Agent, 5, Pembroke Terrace, Cardiff. |
| A. Nov. 1892<br>F. Jan. 1908 | *Ovenden, Charles .. .. .. | Norlington, Devonshire Road, Sutton, Surrey. |
| Oct. 1910 | *Ovenden, Harry .. .. .. | Valuation Office, Lincoln's Inn Fields, W.C.2. |
| Feb. 1906 | Overall, Edmund .. .. .. | 5, Duke Street, Adelphi, W.C. |
| A. Oct. 1901<br>F. June 1908 | *Overton, William Henry .. | 22, Ship Street, Brighton. |
| A. Oct. 1902<br>F. Mar. 1920 | *Owen, Harry Bertram .. | c/o Owen Blois & Owen, Newcastle, Staffs. |
| Oct. 1915 | *Oxley, Harold .. .. .. .. | Metropolitan Water Board, 173, Rosebery Avenue, E.C.1. |
| Mar. 1891 | Page, George Frederick .. | Eagle Chambers, Kingston-on-Thames, Surrey. |
| A. Oct. 1894<br>F. Jan. 1898 | *†Page, Stanley Hatch, Lt.-Col., C.M.G. .. .. .. .. .. | 6, Queen Street, Ramsgate, Kent. |
| A. Oct. 1909<br>F. Apr. 1923 | *Pain, Coard Henry .. .. | 51, North John Street, Liverpool. |
| A. Nov. 1875<br>F. Apr. 1881 | Pain, Coard Squarey .. .. | Bebington, Cheshire. |
| A. Oct. 1893<br>F. June 1897 | *Pain, George Lloyd.. .. .. | 5, Vicarage Road, Leamington. |
| A. Oct. 1894<br>F. June 1914 | *Pain, William Henry .. .. | Kingston House, North Carlton, Worksop, Notts. |
| Jan. 1922 | Paine, Sydney Arthur.. .. | 2, New Court, Carey Street, W.C.2. |
| A. Oct. 1907<br>F. Dec. 1921 | *Palmer, Frederick Charles.. | Valuation and Rating Department, Guildhall, E.C. |
| A. Oct. 1903<br>F. June 1904 | *Palmer, Frederick Charles Richard | National Provincial Bank of England, Ltd., Building Dept., 15, Bishopsgate, E.C. |
| A. Feb. 1892<br>F. July 1901 | *Palmer, William Edward King, A.R.I.B.A. .. .. .. .. .. | 7, Duke Street, Adelphi, W.C. |
| A. Oct. 1913<br>F. July 1921 | *Parfitt, Gerald Arthur .. | Waterworks Lodge, Heigham, Norwich. |
| Feb. 1908 | Park, Alexander .. .. .. | 175, Hope Street, Glasgow. |

‡ Special Forestry Diploma.

† Special Sanitary Science Diploma.

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|---|---|---|---|
| 6019 | A. Oct. 1910 F. July 1920 | *PARKER, ARCHIE MONTGOMERY | 46A, Gloucester Road, S.W. |
| 567 | A. Jan. 1880 F. Jan. 1888 | PARKER, THE HON. CECIL THOMAS | The Grove, Corsham, Wiltshire. |
| 1383 | Mar. 1887 | PARKER, CHARLES ALFRED .. .. | 49, Russell Square, W.C., and Woo ham, Mortimer Place, Maldo Essex. |
| 5236 | A. Oct. 1907 F. Dec. 1919 | *PARKER, CHARLES GOODE .. .. | Howarth, Banstead Road, Belmo Sutton, Surrey. |
| 6020 | A. Oct. 1910 F. Apr. 1922 | *PARKER, FRANK GRANGER .. | Mildenhall, Suffolk. |
| 7324 8834 | A. Oct. 1913 F. Jan. 1922 | PARKER, GEORGE .. .. .. | County Architect's Dept., Cheshi County Council, Newgate Stree Chester. |
| 1269 | May 1885 | PARKER, JOHN, A.M.I.C.E. .. | Mansion House, Hereford. |
| 5237 | A. Oct. 1907 F. Dec. 1920 | *§PARKER, JOHN .. .. .. .. | Southern Railway Rating Offic Victoria Station, S.W.1. |
| 4044 | A. Oct. 1902 F. June 1908 | *PARKHOUSE, SAMUEL .. .. .. | 92, High Street, Notting Hill Ga W.11. |
| 4045 | A. Oct. 1902 F. Oct. 1914 | *PARKINSON, HERBERT .. .. | 7, New Road, Chatham. |
| 8117 | Oct. 1920 | *PARKINSON, JOSEPH .. .. | The Temple, 24, Dale Street, Live pool. |
| 7976 | Oct. 1919 | PARR, EUSTACE TOLEFREE .. | H.M. Office of Works, Storey's Ga S.W.1. |
| 2022 | Mar. 1891 | PARR, SAMUEL GEORGE .. .. | New Broad Street House, E.C. |
| 5007 | A. Oct. 1906 F. June 1912 | *PARRATT, OSWALD ESTCOTT .. | 70, Lombard Street, E.C.3. |
| 1679 | A. Dec. 1889 F. Nov. 1893 | *PARRIS, CHARLES JOHN .. .. | 67, High Street, Tunbridge Wel and at Crowborough, Sussex. |
| 4046 | A. Oct. 1902 F. June 1908 | *PARRY, ALBERT EDWARD .. .. | 36, Endlesham Road, Balham, S.W |
| 7993 | Oct. 1919 | *§PARRY, JOHN OWEN .. .. .. | 61, College Street, Ammanford S. Wales. |
| 1855 | Nov. 1890 | PARSONS, FREDERICK CECIL .. | 147, North Street, Brighton. |
| 6801 | A. Oct. 1912 F. Oct. 1913 | *PARSONS, JOHN DOUGLAS .. .. | 18, Charing Cross Road, W.C. |
| 957 | A. May 1883 F. Dec. 1888 | PARSONS, ROBERT MAURICE PETERS .. .. .. .. .. | Misterton, Crewkerne, Somersetshire |
| 1897 | A. Nov. 1890 F. Oct. 1894 | *§PARTRIDGE, EDWARD JOHN .. | Bank Chambers, 39, George Street, Ri mond, Surrey, and 50, Lincoln's I Fields, W.C. |
| 5745 | A. Oct. 1909 F. Apr. 1915 | *PASCOE, JOHN BARRON .. .. | 7, Gower Street, Swansea, and Sketty Road, Swansea. |
| 8594 | A. Oct. 1921 F. Oct. 1923 | *PASHEN, JOHN HERBERT .. | Chief Draughtsman, Public Wor Dept., Dar-es-Salaam, Tanganyi Territory, East Africa. |
| 3115 | A. Oct. 1896 F. Mar. 1899 | *PATCH, SHIRLEY HUTCHINS .. | The Chestnuts, Havelock Road, Ado combe, Croydon. |
| 5746 | A. Oct. 1909 F. Oct. 1920 | *PATCHING, EDWARD GLENCAIRN | Room 325, 10, Whitehall Place, S.W |

§ Special Rating Diploma.

| Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|
| Oct. 1904 | *PATERSON, JOHN SALMON .. .. | Valuation Office, Inland Revenue, 28, Queensgate, Inverness. |
| A. Oct. 1901<br>F. May 1909 | *§PATON, DAVID LLEWELLYN .. | Martlett House, Bow Street, W.C.2. |
| Oct. 1921 | PATTERSON, JOHN WILSON, MAJOR, B.E. | Valuation Office, Atlantic Buildings, Waring Street, Belfast. |
| A. Oct. 1908<br>F. June 1910 | *PAUL, ANDREW .. .. .. .. | 31, Essex Street, Strand, W.C.2. |
| Oct. 1921 | *PAUL, HENRY .. .. .. .. | 74, Eccleston Square, Victoria, S.W.1. |
| A. May 1883<br>F. May 1888 | *PAULL, ALAN .. .. .. .. | 12, New Court, Carey Street, W.C. |
| Oct. 1923 | *PAYNE, CHARLES FREDERICK | Messrs. Baxter, Payne & Lepper, Bromley, Kent. |
| Jan. 1882 | PAYNE, FREDERICK .. .. .. | 10, Market Square, Bromley, Kent. |
| A. Oct. 1911<br>F. Oct. 1918 | *PAYNTER, E. ERNEST W., N.D.A. (Hons.), N.D.D. | 124, Sutherland Avenue, Maida Vale, W.9, and Highlands, Berealston, Devon. |
| Oct. 1914 | PAYTON, EDMUND .. .. .. | 2, Mill Hill Road, Derby, and Crompton's Bank Chambers, Midland Road, Derby. |
| A. Oct. 1893<br>F. Jan. 1898 | *PEARCE, FRED W. .. .. .. | Surveyor's Office, Town Hall, Twickenham, Middlesex. |
| A. Oct. 1911<br>F. Sep. 1919 | *PEARCE, HUBERT WILLIE .. .. | 1, Church Street, Wellington, Salop. |
| A. Feb. 1906<br>F. Dec. 1920 | *PEARCE, WILLIAM HENRY, A.M.I.C.E. | Chief Engineer and Surveyor, Gibraltar. |
| A. Oct. 1906<br>F. Apr. 1922 | *PEARCH, DOUGLAS DAVISSON | 20, High Street, Tunbridge Wells. |
| A. Oct. 1913<br>F. Oct. 1924 | *PEARD, CLIFFORD JAMES, MAJOR, D.S.O. .. .. .. | The Croft, North Curry, Taunton. |
| A. Oct. 1908<br>F. Dec. 1920 | *PEARMAN, FRANCIS MAY .. | 32, Sinclair Mansions, West Kensington Park, W.12. |
| A. Oct. 1896<br>F. Feb. 1901 | *PEARSE, OCTAVIUS BURROUGHES | Foxhill, Dyott Road, Moseley, Birmingham. |
| A. Oct. 1902<br>F. Dec. 1904 | *PEARSE, THOMAS WILLIAM.. .. | The Green, Modbury, South Devon. |
| Nov. 1891 | PEARSE, WILLIAM .. .. .. | Stoliford, Modbury, Devon. |
| A. Oct. 1912<br>F. Apr. 1923 | *PEARSON, BENJAMIN JOHN .. | 14, Lynwood Road, Aintree, Liverpool. |
| Oct. 1919 | PEARSON, JAMES MONTGOMERIE | 51, John Finnie Street, Kilmarnock. |
| A. Oct. 1893<br>F. Jan. 1898 | *PEARSON, T. HOWARD.. .. .. | Troston, Bury St. Edmund's. |
| A. Oct. 1912<br>F. June 1919 | *PEARSON, WILLIAM .. .. .. | 10, Grange Road, Dudley, Worcestershire. |
| A. Oct. 1898<br>F. July 1907 | *PEASE, CHARLES EDWARD.. .. | 46, Lincoln's Inn Fields, W.C. |
| A. Oct. 1909<br>F. Apr. 1920 | *PEAT, FREDERICK JAMES .. | 1, Victoria Square, Reading. |
| Jan. 1922 | PEEBLES, JOSEPH .. .. .. | Bedford Row Chambers, 42, Theobald's Road, W.C. |

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|---|---|---|---|
| 3252 | A. Oct. 1897<br>F. Sep. 1904 | *Peebles, Philip.. .. .. .. | Shanghai Land Investment Co., Lt<br>2, Jinkee Road, Shanghai, China. |
| 7643 | Nov. 1916 | Peel, Edward Laurence .. | 5, Great College Street, S.W. |
| 2105 | May 1891 | Pells, Arthur .. .. .. .. | 9, London Road, Beccles, Suffolk. |
| 5244 | A. Oct. 1907<br>F. July 1920 | *§Pemberton, Basil Charles.. | 21, Irvine Road, Colchester. |
| 7332 | A. Oct. 1913<br>F. Oct. 1920 | *Pendered, Richard Dudley | The Wigwam, Hatton Park Roa<br>Wellingborough, Northants. |
| 8063 | A. Oct. 1919<br>F. Dec. 1923 | *Pennington, Ernest, N.D.A., N.D.D. .. .. .. .. | Market Square, Bicester, Oxon. |
| 4234 | A. Oct. 1903<br>F. Dec. 1909 | *Pepler, George Lionel .. .. | Ministry of Health, Whitehall, S.W |
| 7506 | Oct. 1914 | Percy, Richard Frederick, M.I.M.E. .. .. .. .. | 10, Ebers Road, Nottingham. |
| 8101 | Oct. 1920 | Perkin, Herbert .. .. .. | Green Farm, Cyntwell, near Cardi |
| 5011 | A. Oct. 1906<br>F. Dec. 1920 | *Perkins, Samuel Barclay .. | 25, Handen Road, Lee, S.E. |
| 3721 | A. Oct. 1900<br>F. Jan. 1906 | *Perks, Hugh Earl .. .. .. | 2, St. Paul's Square, Bedford, a<br>273, The Sanctuary, S.W.1. |
| 1389 | A. Apr. 1887<br>F. Oct. 1913 | Perks, Sydney, F.S.A., F.R.I.B.A. | The Guildhall, E.C. |
| 2106 | May 1891 | Perriam, Alfred Joseph .. | 41, Quadrant Road, Thornton Heat |
| 4495 | A. Oct. 1904<br>F. Apr. 1921 | *Perry, Charles William .. | 18, Spencer Avenue, Palmer's Gree<br>N.13. (Middlesex.) |
| 3579 | A. Oct. 1899<br>F. June 1911 | *Petch, John Stonehouse .. | Estate Office, Wentworth Cast<br>Barnsley, Yorkshire. |
| 5012 | A. Oct. 1906<br>F. Apr. 1919 | *Peter, Francis .. .. .. .. | Lealands, Wotton, Gloucester. |
| 8836 | Jan. 1922 | Peters, James .. .. .. | 11/12, Finsbury Square, E.C.2. |
| 1252 | Feb. 1885 | *Peto, James Winder.. .. .. | 6, Market Place, Reading. |
| 3881 | A. Oct. 1901<br>F. Dec. 1902 | *Petter, Albert Edward.. .. | 25, Great George Street, Park Stre<br>Bristol. |
| 5838 | Oct. 1910 | Phibbs, Harry, A.R.I.B.A. .. | Grindelford School, Derbyshire. |
| 8373 | Oct. 1921 | Philip, William Watt .. | Lee & Carnwath Estates Office<br>Cartland Mains, Lanark. |
| 1652 | Dec. 1889 | Phillips, William Edwin .. | 52, Queen's Gate Terrace, S.W.7. |
| 5245 | A. Oct. 1907<br>F. Apr. 1921 | *Phillips, William Newton | 10, Abbots Walk, Reading. |
| 4235 | A. Oct. 1903<br>F. Oct. 1915 | *§‡Philpot, Clifford Needham | Priests House, Flixton, Bunga<br>Suffolk. |
| 6493 | Oct. 1912 | *Phipps, Fredrick Reginald .. | Room 90, Ministry of Transpo<br>(Roads), 7, Whitehall Gdns., S.W |
| 5752 | A. Oct. 1909<br>F. July 1921 | *Pierce, Edward Lemuel .. | Valuer's Office, Inland Revenu<br>Romford, Essex. |
| 7754 | Nov. 1918 | Pierce, William .. .. .. | Shirley Estate Office, Carrickmacro |
| 7908 | A. Nov. 1918<br>F. Oct. 1920 | *Pierpoint, Reginald .. .. | 12, Tib Lane, Cross Street, Manchest |
| 7909 | A. Nov. 1918<br>F. Oct. 1923 | *Pikesley, Alfred .. .. .. | 47, St. Peter's Street, St. Albans, He |
| 968 | A. May 1883<br>F. Nov. 1886 | *†Pilditch, Sir Philip Edward, M.P. | Old Bond Street House, 6-8, Old Bo<br>Street, W. |

‡ Special Forestry Diploma. † Special Sanitary Science Diploma.

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|---|---|---|
| A. Oct. 1912<br>F. Mar. 1920 | *Pilley, Herbert Anthony Rosser .. .. .. .. | 29, King Street, Gravesend, Kent. |
| A. Oct. 1903<br>F. Apr. 1919 | *Pinckney, Henry Christopher | Furness Estate Office, Grantley, Ripon, Yorks. |
| Jan. 1890 | Pinks, Edwin Charles .. .. | Parliament Mansions, Victoria Street, S.W. |
| A. Oct. 1896<br>F. Oct. 1897 | *Pinney, Frederick Wyldbore Digby .. .. .. .. .. | 6, Waterloo Street, Birmingham. |
| A. Oct. 1901<br>F. Nov. 1908 | *Pinsent, Francis Wingfield Homfray | Inland Revenue, Barclay's Bank Chambers, Plymouth. |
| A. Oct. 1900<br>F Feb. 1919 | *Pinson, Gilbert.. .. .. .. | Cobden Buildings, 67A, Corporation Street, Birmingham. |
| A. Oct. 1905<br>F. Jan. 1912 | *Pitt, Joseph Henry.. .. .. | 14, Harvist Road, Brondesbury Road, N.W. (Middlesex). |
| A. Oct. 1900<br>F. Sept. 1917 | *Plant, William, A.M.I.C.E. .. | Borough Hall, Stafford. |
| Nov. 1918 | *Platt, Frederick William .. | Housing Dept., Town Hall, Manchester. |
| A. Nov. 1918<br>F. Oct. 1920 | *Platt, John Crawfurd .. | 18, Wolverton Gardens, W.6. |
| Oct. 1924 | Polland, James .. .. .. | 113, Royal Avenue, Belfast. |
| Jan. 1922 | Pople, Arthur William .. | Royal Liver Buildings, Liverpool. |
| A. Feb. 1907<br>F. Apr. 1922 | *Porter, Evelyn de Bock .. | Valuation Office, 38, Lansdowne Road, Tottenham, N.17 (Middlesex). |
| Nov. 1891 | Porter, John Merry .. .. | Estate Office, Colwyn Bay, North Wales. |
| A. Oct. 1906<br>F. Feb. 1908 | *Porter, Oliver John .. .. | 45, Bedford Row, W.C.2. |
| Oct. 1921 | *Porter, Richard Ewhurst, M.C. | Rydal Estate Office, Ambleside, Westmorland. |
| A. Oct. 1903<br>F. Dec. 1920 | *Porter, Sydney Lawrance.. | 7, John Street. Adelphi, W.C.2. |
| Feb. 1912 | Pott, Walter, O.B.E. .. .. | Warren Garth, Courtenay Road, Winchester. |
| A. Jan. 1891<br>F. Nov. 1894 | *Potter, Herbert George .. | 47, Heath Street, Hampstead, N.W. |
| A. Oct. 1901<br>F. Nov. 1907 | *Pottier, George Louis .. .. | 20, Warren Road, Purley, Surrey. |
| Nov. 1890 | Powell, Frederick Atkinson, F.R.I.B.A. | 344, Kennington Road, S.E., and Agincourt Square, Monmouth. |
| A. Dec. 1883<br>F. Mar. 1891 | Powell, Hubert John .. .. | Hill Lodge, Lewes, Sussex. |
| A. Feb. 1874<br>F. Nov. 1880 | Powell, Reginald Henry (*Member of Council*) .. .. | Estate Office, Lewes, Sussex. |
| A. Oct. 1906<br>F. July 1921 | *Powell, Wallace Gerald | City Engineer's Office, Norwich. |
| A. Oct. 1905<br>F. Nov. 1913 | *Power, Percy Tomes .. .. | c/o Gale, Power & Co., 122, High Street, Staines, Middlesex. |
| Oct. 1919 | Power-Steele, William .. | General Valuation Office, 5, Ely Place, Dublin. |
| Oct. 1924 | *Powlett, Armand Temple .. | Godminster Farm, Bruton, Somerset. |

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|---|---|---|---|
| 2543 | A. Nov. 1892<br>F. June 1896 | *PRALL, HERBERT ALEXANDER .. | 150, Eastgate, Rochester, and 2 Lowfield Street, Dartford, Kent |
| 3628 | A. Feb. 1900<br>F. Oct. 1911 | *PRATT, FRANK PERCY.. .. .. | 23, Eastern Road, Romford, Essex |
| 5247 | A. Oct. 1907<br>F. Apr. 1919 | *PRATT, JERMYN HAROLD .. .. | Estate Office, St. Giles, Salisbury. |
| 5755 | A. Oct. 1909<br>F. July 1922 | *PRESTON, ERIC WATSON .. | Curlew Hope, Weybridge, Surrey. |
| 1536 | A. Dec. 1888<br>F. Dec. 1892 | *PRESTON, SAMUEL DAVID .. .. | 36, Shenley Road, Camberwell, S.E. |
| 3314 | A. Feb. 1898<br>F. Dec. 1922 | *PRICE, CAPEL HEREWARD ... | 5, Great College Street, Westminster Abbey, S.W.1. |
| 8838 | Jan. 1922 | PRICE, MANSFIELD .. .. .. | Salatin, Sutton, Surrey. |
| 2544 | A. Nov. 1892<br>F. Nov. 1895 | *PRICE, RICHARD ARNOLD .. .. | 103, High Street, Clapham, S.W. |
| 5521 | A. Oct. 1908<br>F. Apr. 1919 | *PRICE, ROBERT HENRY, M.R.A.C. | Home Cottage, Richmond Avenue, Bognor, Sussex. |
| 7755 | Nov. 1918 | PRICE, VICTOR THEOPHILUS, B.A. | 3, Crosthwaite Park, Kingstown, Co. Dublin. |
| 6029 | A. Oct. 1910<br>F. Apr. 1922 | *PRICE, WILLIAM HARRY LYNE | 272, Farnham Road, Farnham Royal, Bucks. |
| 4500 | A. Oct. 1904<br>F. May 1909 | *PRICKARD, THOMAS FRANCIS VAUGHAN | Duchy of Lancaster Office, Lancaster Place, Strand, W.C. |
| 2107 | May 1891 | PRIDMORE, ALBERT EDWARD .. | 2, Broad Street Buildings, E.C. |
| 1857 | Nov. 1890 | PRIDMORE, ARTHUR STIRLING .. | 43, Doughty Street, W.C.1. |
| 4055 | A. Oct. 1902<br>F. Nov. 1908 | *‡§PRITCHARD, HENRY A. .. .. | Forestry Commission, 1, Whitehall, S.W.1. |
| 2708 | A. Oct. 1894<br>F. Mar. 1899 | *PRITCHARD, HERBERT ALFRED, M.B.E. .. .. .. .. .. | 13, Fitzalan Place, Cardiff. |
| 9319 | Oct. 1924 | *PROCTOR, ALEXANDER LICKLEY | 46, High Street, Carnoustie, Forfarshire. |
| 3629 | A. Feb. 1900<br>F. Dec. 1903 | *PROTHEROE, ALFRED ERNEST .. | 67 and 68, Cheapside, E.C. |
| 8839 | Jan. 1922 | PROWER, ERNEST EDWARD .. | 13, South Square, Gray's Inn, W.C.2. |
| 8353 | A. Oct. 1911<br>F. Dec. 1918 | *PROWSE, ALBERT EDWARD, M.B.E. .. .. .. .. .. | Lambton House, Birtley, Co. Durham |
| 1680 | A. Dec. 1889<br>F. Apr. 1922 | PUCKRIDGE, PERCIVAL MARTIN | Milton Pewsey, Wilts. |
| 4240 | A. Oct. 1903<br>F. Oct. 1910 | *PUDDICOMBE, WILLIAM PHIPPEN | Corporation Offices, Aberystwyth, Cardiganshire. |
| 2686 | A. Oct. 1894<br>F. Oct. 1900 | *PUGH-JONES, DAVID .. .. .. | County Architect, County Hall, Cardiff, and Colchester Avenue, Cardiff, Glamorganshire. |
| 1694 | A. Jan. 1890<br>F. Feb. 1895 | *PUNCHARD, FREDERICK BURT .. | Fairbank, Kirkby Lonsdale, Westmorland. |
| 5359 | Feb. 1908 | *PURSEY, CHARLES .. .. .. | Council Offices, Shepton Mallet, Somersetshire. |
| 5373 | Oct. 1908 | PURVES, JAMES.. .. .. .. | Dunskey Estate Office, Portpatrick, N |

‡ Special Forestry Diploma.

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|---|---|---|
| A. Oct. 1895<br>F. Jan. 1897 | *PURVIS, CHARLES JAMES .. .. | 417, New Cross Road, New Cross, S.E. |
| A. Oct. 1896<br>F. Sep. 1903 | *PYLE, BENJAMIN THOMAS RICE.. | Town Grove, Hatfield Heath, Harlow, Essex. |
| Jan. 1922 | QUAIL, JOHN .. .. .. .. | The Rhodes Building, St. George's Street, Cape Town, S. Africa. |
| A. Oct. 1911<br>F. Dec. 1921 | *RACKHAM, HAROLL WILFRED.. | Engineer and Surveyor to Hendon R.D.C., Stanmore, Middlesex. |
| A. Oct. 1911<br>F. June 1919 | *RAE, THOMAS HERDMAN .. .. | 17, Fawcett Street, Sunderland. |
| A. Oct. 1900<br>F. Nov. 1901 | *RAFFETY, HAROLD VEZEY, O.B.E. | Underwood, Beaconsfield, Bucks. |
| A. Feb. 1894<br>F. Oct. 1896 | *§RAFFETY, HERBERT WILLIAM .. | Valuation Department, Inland Revenue, Shrewsbury. |
| A. Oct. 1904<br>F. July 1913 | *RAFFETY, PERCY CHARLES .. | 30, High Street, High Wycombe, Bucks. |
| Feb. 1888 | RAIKES, GEORGE WHITTINGTON, COLONEL .. .. .. .. .. | Woodville, Leamington. |
| A. Oct. 1911<br>F. July 1921 | *RALPHS, WALTER .. .. .. | 1, Waterloo Street, Birmingham. |
| Feb. 1908 | RALSTON, ANDREW AGNEW, O.B.E. | Philpstoun House, West Lothian. |
| Feb. 1908 | RALSTON, CHARLES WALLACE .. | Dabton, Thornhill, Dumfriesshire. |
| Oct. 1923 | *RAMSAY, JAMES DOUGLAS .. | Estates Office, Balmoral, Ballater, Aberdeenshire. |
| A. Oct. 1910<br>F. Apr. 1916 | *RANDALL, AUGUSTINE ST. GEORGE | District Valuer's Office, Union Street, Coventry. |
| A. Oct. 1912<br>F. Oct. 1924 | *RANDALL, ERNEST JOHN JAMES | Chinthurst, Stroud Road, Gloucester. |
| A. Oct. 1909<br>F. Apr. 1914 | *RANDALL, ERNEST SMITH .. | High Street, Chatham. |
| Feb. 1912 | RANDALL, JOHN MORGAN .. | Dunraven Estate Office, Bridgend, Glamorganshire. |
| A. Oct. 1906<br>F. July 1912 | *RANDALL, WILLIAM EDWARD RENWELL, JUN. .. .. .. | Greyfriars, Priestfield, Rochester. |
| A. Oct. 1902<br>F. Feb. 1907 | *RANDELL, FRANCIS WILLIAM .. | Frondeg, Langland, Swansea. |
| A. Oct. 1913<br>F. Dec. 1917 | *RANKIN, HENRY ALEXANDER.. | County Assessor's Office, 92, Cadzow Street, Hamilton, N.B. |
| Oct. 1914 | RANKINE, DAVID .. .. .. | 238, West George Street, Glasgow. |
| A. Oct. 1912<br>F. July 1921 | *RAWLENCE, ARTHUR RAYMOND | Glenart, Newland, Sherborne, Dorset. |
| A. Oct. 1904<br>F. June 1912 | *RAWLENCE, DUNCAN ALFRED.. | 3A, Dean's Yard, Westminster, S.W. |
| Feb. 1883 | RAWLENCE, ERNEST ALFRED (*Vice-President*) .. .. .. | St. Andrew's, Churchfield, Salisbury. |

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|---|---|---|---|
| 5020 | A. Oct. 1906<br>F. Sep. 1919 | *Rawlence, George Norman .. | c/o Rawlence & Squarey, Salisbury. |
| 3886 | A. Oct. 1901<br>F. May 1910 | *Rawlence, James .. .. .. | Estate Office, Wimborne, Dorsetshir |
| 1859 | Nov. 1890 | Rawlins, Henry Adair, A.R.I.B.A. .. .. .. .. .. | 10, Old Jewry Chambers, E.C. |
| 2367 | Nov. 1891 | Rawlins, William .. .. .. | 45, King William Street, E.C. |
| 5252 | A. Oct. 1907<br>F. Dec. 1915 | *Raymond, Walter Leslie .. | The Estate Office, Golder's Gree N.W. (Middlesex). |
| 1516 | Dec. 1888 | Rea, John Marcus Beaumont.. | 8, Winckley Street, Preston, a Lytham. |
| 8389 | Oct. 1921 | Rea, Sinclair Stevenson .. | Ministry of Finance, Valuation Branch, 113, Royal Avenue, Belfast. |
| 8842 | Jan. 1922 | Read, Ernest James .. .. | 19, Basinghall Street, E.C. |
| 4242 | A. Oct. 1903<br>F. June 1908 | *Read, Francis Charles Jennings .. .. .. .. .. | City Surveyor's Office, Guildhall, E. |
| 8843 | Jan. 1922 | Read, Kenmuir Harry, A.R.I.B.A. | Army Vocational Training Cent Hounslow Heath, Middlesex. |
| 2709 | A. Oct. 1894<br>F. Sep. 1906 | *Read, Walter Herbert .. .. | The Avenue, West Ealing, W. (Middlesex). |
| 8844 | Jan. 1922 | Reekes. Charles Rupert .. | 22, Buckingham Street, Strand, W.C |
| 7764 | Nov. 1918 | *Rees, Dan John Arthur, M.I.M.M., M.N.A.C.M. .. .. | Cofton, Barnt Green, Worcestershi |
| 7652 | Nov. 1916 | Rees, Robert Thomas .. .. | Glandare, Aberdare, Glam. |
| 7573 | Oct. 1915 | *Rees, Thomas Taliesin, F.R.I.B.A... .. .. .. .. | 64, Rodney Street, Liverpool. |
| 7354 | A. Oct. 1913<br>F. Mar. 1920 | *Reeves, Charles Westcott | Bramshaw. Uplands Park, Enfie Middlesex. |
| 3121 | A. Oct. 1896<br>F. Oct. 1897 | *†Reffell, Charles Arthur .. | Thorney, Ennismore Avenue, Guildfo |
| 6360 | A. Oct. 1911<br>F. July 1921 | *Reid, Edward Decimus .. | 7, Ashwood Terrace, Thornhill, Su derland, Co. Durham. |
| 4885 | Oct. 1906 | Remnant, Archibald Charles | Talbot Lodge, Sunny Bank, Sou Norwood, S.E. (Surrey). |
| 937 | Apr. 1883 | Rendell, Arthur Stephen .. | Market Terrace, Newton Abbot, Dev |
| 7678 | Nov. 1916 | *Rennie, Joseph .. .. .. .. | 45, Buchanan Street, Glasgow. |
| 5760 | A. Oct. 1909<br>F. Apr. 1921 | *Renton, Theodore Rolande Victor .. .. .. .. .. | 16, Albert Street, Harrogate. |
| 802 | A. Apr. 1882<br>F. Jan. 1890 | Rex, Francis Herbert .. .. | 311, Kentish Town Road, N.W.5. |
| 7921 | A. Nov. 1918<br>F. Dec. 1923 | *Rex, Francis Nicholson .. | 311, Kentish Town Road, N.W.5 |
| 5254 | A. Oct. 1907<br>F. Oct. 1913 | *Reynolds, Arthur Hugh .. | Incewood, Lyndhurst Road, W lasey, Cheshire, and 67, Lord Stre Liverpool. |
| 6832 | A. Oct. 1912<br>F. Nov 1922 | *Rhodes, Bertram, B.Sc. .. | Langley, Muriston Road, Hale Cheshire |

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|---|---|---|
| Oct. 1917 | RHODES, HENRY .. .. .. .. | Lane End House, Rotherham, Yorkshire. |
| Oct. 1913 | *RHODES, JAMES NORMAN .. .. | Electra House, Moorgate, E.C. |
| A. Oct. 1904<br>F. Jan. 1912 | *RICE, BENJAMIN LOUIS .. .. | 26, Budge Row, E.C. |
| A. Oct. 1910<br>F. June 1919 | *RICE, EDWARD .. .. .. .. | 15, Mostyn Road, Brixton Road, S.W. |
| A. May 1876<br>F. Dec. 1881 | RICH, ROBERT .. .. .. .. | Didcot, Berks. |
| A. Oct. 1908<br>F. Dec. 1919 | *RICHARDS, ARTHUR WALTER TROLLOPE .. .. .. .. | 169, High Road, Balham, S.W. |
| A. Oct. 1908<br>F. Nov. 1922 | *RICHARDS, DANIEL HERBERT.. | 76, Victoria Road, Widnes, Lancs. |
| Mar. 1891 | RICHARDS, GEORGE EDWARD .. | Stour Lodge, Wimborne, Dorset. |
| Oct. 1913 | *RICHARDS, JOHN .. .. .. .. | Llwyndern, Welshpool, Montgomeryshire. |
| A. Oct. 1907<br>F. Oct. 1909 | *†§RICHARDS, WALTER ROWE .. | 1, Alexandra Villas, Finsbury Park, N.4. |
| Jan. 1922 | RICHARDSON, ARNOLD RICHARD | Albion Chambers, King Street, Nottingham. |
| A. Oct. 1896<br>F. Apr. 1901 | *RICHARDSON, ARTHUR BAYLIFFE | 10, Honey Lane Market, Cheapside, E.C.2. |
| A. Oct. 1899<br>F. Jan. 1922 | RICHARDSON, ERNEST EDWARD | 35, John Street, Bedford Row, W.C.1. |
| Feb. 1890 | RICHARDSON, GEORGE .. .. | 5, Lonsdale Street, Carlisle. |
| A. Oct. 1907<br>F. Apr. 1913 | *RICHARDSON, JOHN STOCKS .. | Estate Office, Methley, Leeds. |
| Apr. 1883 | RIDDLE, FREDERICK HENRY BRIMBLE | Junior Constitutional Club, Piccadilly, W.1. |
| A. Oct. 1906<br>F. Jan. 1912 | *RIDER, SYDNEY FRANKLIN .. | 132, Ladbroke Grove, Notting Hill, W.10. |
| A. Oct. 1899<br>F. June 1900 | *RIDLEY, PERCY EDWARD .. .. | Fire Offices Committee, 65 & 66, Watling Street, E.C. |
| Jan. 1922 | RIDOUT, HAROLD .. .. .. | 50, Pall Mall, S.W.1. |
| Oct. 1915 | RIGBY, THOMAS H. .. .. .. | Leaders Buildings, King Street, Wigan, Lancs. |
| Mar. 1891 | RIGDEN, FRANCIS .. .. .. | Salisbury. |
| A. Oct. 1909<br>F. Apr. 1920 | *RIGGALL, JABEZ ALLAN .. | Grimsby, Lincs. |
| A. Oct. 1909<br>F. June 1914 | *RIGHTON, CHARLES SHIRT .. | 18, Market Street, Marple, Cheshire. |
| Dec. 1888 | RIGHTON, EDWARD GRANTHAM.. | High Street, Evesham, Worcestershire. |
| Jan. 1922 | RILEY, HENRY .. .. .. .. | 11, Victoria Street, Westminster, S.W.1. |
| Oct. 1904 | *RIMMER, JOHN STANISLAUS .. | 48, Castle Street, Liverpool. |
| A. Oct. 1902<br>F. Dec. 1910 | *RIPPENGAL, ARTHUR HENRY .. | Brentwood, Essex. |
| A. Oct. 1915<br>F. Dec. 1919 | *RITCHIE, HUGH VICTOR ORMISTON .. .. .. .. | Mayor's Walk, Pontefract. |
| Feb. 1899 | ROBB, WILLIAM JOHNSTON .. | 196, St. Vincent Street, Glasgow. |

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|---|---|---|---|
| 8106 | Oct. 1920 | ROBERTON, JAMES .. .. | Morebattle Lofts, Kelso. |
| 5765 | A. Oct. 1909<br>F. Dec. 1922 | *ROBERTS, CHARLES MINTO .. | 9A, York Street, Bath. |
| 423 | A. Jan. 1876<br>F. Nov. 1890 | ROBERTS, CHARLES QUINCEY .. | Newthorpe, Brenchley, Kent. |
| 8848 | Jan. 1922 | ROBERTS, DAVID ALAN .. .. | 44, Harley Terrace, Gosforth, Nort umberland. |
| 7531 | A. Oct. 1914<br>F. Apr. 1922 | *ROBERTS, EDWARD THOMAS ... | Llanfair Buildings, St. Mary Stre Swansea. |
| 3723 | A. Oct. 1900<br>F. Oct. 1910 | *ROBERTS, JOHN, N.D.A. .. .. | Maestegfryn, Towyn, Merionethshire |
| 6978 | A. Feb. 1913<br>F. July 1918 | *ROBERTS, JOHN HUBERT, CAPT. | 61, Wind Street, Swansea. |
| 4780 | A. Oct. 1905<br>F. Apr. 1911 | *ROBERTSON, CLEMENT ALBERT.. | 3 & 4, Lincoln's Inn Fields, W.C. |
| §6037 | A. Oct. 1910<br>F. Apr. 1919 | *ROBERTSON, WILLIAM ANDREW | The Rosary, East Leake, Notts. |
| 754 | A. Feb. 1882<br>F. May 1891 | ROBEY, ROBERT .. .. .. .. | Oaklands, East Tytherley, Romse Hants. |
| 2498 | A. Feb. 1892<br>F. Nov. 1895 | *ROBINS, PHILIP SEYMOUR .. .. | 26-32, Abbey House, Victoria Stre S.W.1. |
| 6838 | A. Oct 1912<br>F. Oct. 1920 | *ROBINSON, ALFRED KEON .. | Halifax Chambers, 81, Victoria Str Grimsby, Lincs. |
| 5258 | A. Oct. 1907<br>F. Apr 1922 | *ROBINSON, FRANCIS WALTER.. | 30, Halford Road, Richmond, Surr |
| 2375 | Nov. 1891 | ROBINSON, GEORGE EDWARD .. | 7, Tacketts Street, Blackburn. |
| 2467 | A. Nov. 1891<br>F. Oct. 1894 | *ROBINSON, HENRY HERBERT .. | 37, Bedford Row, W.C. |
| 4782 | A. Oct. 1905<br>F. Nov. 1913 | *ROBINSON, JAMES CHARLES EVITT | 15A, St. Paul's Square, Bedford. |
| 8849 | Jan. 1922 | ROBINSON, PARKER .. .. .. | Challoner House, W.14. |
| 3256 | A. Oct. 1897<br>F. Oct. 1898 | *ROBINSON, THEODORE RICHARD | 25, Campden Hill Gardens, Kensii ton, W. |
| 7361 | A Oct. 1913<br>F. July 1920 | *ROBSON, JOHN TEMPLE .. | Alnwick U.D.C., Alnwick, Northu berland. |
| 6364 | A. Oct. 1911<br>F. Oct. 1913 | *ROBSON, WALTER .. .. .. | Leazes Gate Villa, Spital Tong Newcastle-on-Tyne. |
| 2863 | Sep. 1895 | ROCHFORT, WILLIAM .. .. .. | Cahir Abbey, Cahir, Co. Tipperary.. |
| 8374 | Oct. 1921 | RODGER, JAMES .. .. .. | Rockdale Lodge, Abercromby Dr Bridge of Allan, N.B. |
| 8850 | Jan. 1922 | ROE, ROBERT BENSON. .. .. | Kingscourt, Wellington Place, Belfast. |
| 6038 | A. Oct. 1910<br>F. June 1914 | *ROFF, HENRY GRIFFITHS .. | 1, Cross Street, Barnstaple, Devo |
| 7574 | Oct. 1915 | *ROGERS, ARTHUR CECIL .. .. | 521, Barking Road, Plaistow, (Essex). |
| 6441 | Feb. 1912 | ROGERS, ARTHUR MECHELEN, MAJOR, S.R.E.S... | Hillside, Sparrows Herne, Bus Herts. |
| 3125 | A. Oct. 1896<br>F. June 1897 | *ROGERS, HORACE MORDAUNT .. | 37, Bruton Street, W.1. |
| 4784 | A. Oct. 1905<br>F. Oct. 1913 | *ROGERS, LEONARD SAMUEL . | 6, Park Lane Mansions, Croydon. |

| Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|
| A. Oct. 1904<br>F. June 1912 | *ROGERS, MONTAGU STANLEY .. | 78, Gloucester Road, South Kensington, S.W. |
| A. Oct. 1915<br>F. Dec. 1919 | *ROGERS, VIVIAN BARRY, MAJOR, D.S.O., M.C. | 50, Belgrave Road, Westminster, S.W.1. |
| A. May 1883<br>F. Jan. 1889 | *§‖ ROLLESTON, WILLIAM GUSTAVUS STANHOPE .. .. .. .. | Grey Friars, Leicester. |
| Oct 1921 | RONALD, DAVID .. .. .. | Chief Engineer, Scottish Board of Health, Edinburgh. |
| A. Dec. 1886<br>F. Nov. 1887 | *§ROODS, ALFRED .. .. .. .. | 37, Bedford Row, W.C. |
| A. Oct. 1896<br>F. May 1900 | *§ROOK, JOSEPH TAYLOR .. .. | 22, Chatsworth Square, Carlisle. |
| Jan. 1922 | ROOKWOOD, JOSEPH .. .. | 25, Bedford Row, W.C.1. |
| Oct. 1913 | *ROPER, ROBERT GARWOOD .. | 39, Bloomsbury Square, W.C.1. |
| A. Oct. 1903<br>F. July 1923 | *ROSEVEAR, JOHN ASHBURNHAM | 335, Upper Richmond Road, East Sheen, S.W.14 (Surrey). |
| A. Oct. 1904<br>F. Oct. 1910 | *ROSS, PERCY HAVERY.. .. .. | 8, Lancaster Place, Strand, W.C. |
| Jan. 1922 | ROWE, ALFRED EDWARD PASSMORE | 46, Rothbury Terrace, Heaton, Newcastle-on-Tyne. |
| A. Oct. 1911<br>F. Dec 1921 | *ROWETT, FREDERICK JOSEPH LANCASTER | Valuation Office, 23, Eastern Road, Romford, Essex. |
| A. Oct. 1899<br>F. Nov. 1904 | *ROWLANDSON, SAMUEL MESSITER, MAJOR .. .. .. .. .. | The College, Durham. |
| A. Jan. 1890<br>F. July 1922 | ROWLEY, WILLIAM TAYLOR .. | Royston, Herts. |
| Jan. 1922 | ROWSE, ANTHONY .. .. .. | 117, Colmore Row, Birmingham. |
| May 1891 | ROYCE, DAVID NEEDHAM .. .. | Oakham, Rutland. |
| A. Oct. 1900<br>F. Nov. 1908 | RUAULT, JOHN GUSTAVE PETER | 17, Southampton Street, Bloomsbury, W.C. |
| A. Oct. 1909<br>F. Sep. 1919 | *§RUBENS, HARRY ISAAC .. .. | 21, Liverpool Street, E.C. |
| A. Oct. 1900<br>F. Nov. 1908 | *RUDDLE, FREDERICK CHARLES.. | 29, Abingdon Street, S.W.1. |
| A. Oct. 1902<br>F. Apr. 1923 | *RUDDLE, GEORGE WILLIAM .. | 233, Brockley Road, S.E. |
| A. Oct. 1910<br>F. Dec. 1920 | *RUDLER, FREDERICK GEORGE | 6, Buckingham Palace Mansions, S.W.1. |
| A. May 1883<br>F. Jan. 1890 | *RUNDLE, EDWARD COLLINS .. | Bedford Office, Tavistock, Devon. |
| A. Oct. 1903<br>F. May 1917 | *RUSH, ARTHUR LESLIE .. .. | 65, High Street, Tunbridge Wells. |
| A. Feb. 1913<br>F. Oct. 1914 | *RUSSELL, FREDERICK JAMES .. | 33, Bernard Street, Walsall. |
| A. Oct. 1903<br>F. Nov. 1915 | *RUSSELL, HUMPHREY GLADSTONE | Jewry House, 28, Old Jewry, E.C. |
| Oct. 1921 | RUSSELL, NELSON .. .. .. | 64, Royal Avenue, Belfast. |
| Jan. 1889 | RUTHERFORD, JAMES AUGUSTINE (*Member of Council*) .. .. | Estate Office, Highclere Park, Newbury. |
| A. Feb. 1901<br>F. Nov. 1912 | *RUTLEY, ARTHUR DENNETT .. | Estate Office, Woldingham Station, Surrey. |

‖ Sessional Papers Gold Medal.

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|---|---|---|---|
| 1818 | May 1890 | RUTLEY, FRANK .. .. .. .. | 11, Dowgate Hill, E.C. |
| 8391 | Oct. 1921 | RYAN, JOHN .. .. .. .. | 6, Ely Place, Dublin. |
| 466 | A. Dec. 1876<br>F. Nov. 1880 | RYDE, ARTHUR LYON (*Past-President*) .. .. .. | 49 and 50, Parliament Street, S.W |
| 4789 | A. Oct. 1905<br>F. Oct. 1918 | *RYDE, EDWARD HUMPHREY NOEL .. .. .. .. .. .. | 49 and 50, Parliament Street, S.W |
| 5262 | A. Oct. 1907<br>F. Mar. 1920 | *RYLAND, LORENCE .. .. .. | 72, Clifden Road, Twickenham Middlesex. |
| 8930 | Nov. 1922 | RYLE, HERBERT, O.B.E. .. .. | H.M. Office of Works, Storey's G S.W.1. |
| 1333 | A. Dec. 1884<br>F. May 1894 | *SADLER, GEORGE WILLIAM, A.R.I.B.A. | Duchy of Lancaster Office, Lanca Place, W.C. |
| 4062 | A. Oct. 1902<br>F. Dec. 1921 | *SAINSBURY, WILLIAM CHARLES.. | 165, Westbourne Terrace, W. |
| 7365 | A. Oct. 1913<br>F. Feb. 1918 | *ST. JOHN, LOUIS FREDERICK, CAPT. .. .. .. .. .. | 36 & 37, Great St. Helen's, E.C. |
| 4251 | A. Oct. 1903<br>F. June 1912 | *SALMON, JOSEPH HAROLD, M.B.E. | 17, Mount Adon Park, East Dulw S.E.22. |
| 8118 | Oct. 1920 | *§SALMOND, STEWART .. .. | 17, Rosedene Avenue, Streath S.W.16. |
| 6494 | Oct. 1912 | *SALMOND, WILLIAM .. .. .. | 15, South Tay Street, Dundee. |
| 1788 | Apr. 1890 | SAMPLE, CHAS. HERBERT, O.B.E., B.A. (*Cantab.*) | Chilliswood, Parkhouse Road, rard's Cross. |
| 1789 | Apr. 1890 | SAMPLE, WILLIAM COLLINGS .. | Bothal Castle, Morpeth, North berland. |
| 8997 | Oct. 1913 | SAMSON, DAVID THOMAS, D.L. | Seafield Estates Office, Cullen, B shire. |
| 8072 | A. Oct. 1919<br>F. Oct. 1920 | *§SAMSON, HORACE LUCAS .. | County Land Agent, Cross St Peterborough, Northants. |
| 1384 | Mar. 1887 | SAMUEL, WILLIAM JOHN .. .. | 42, Mill Street, Bedford. |
| 6846 | A. Oct. 1912<br>F. Mar. 1920 | *SAMUEL, WILLIAM WILFRID, F.G.S. .. .. .. .. .. | 5, Beechwood Road, Swansea. |
| 2116 | May 1891 | SANCTUARY, CAMPBELL FORTESCUE STAPLETON .. .. | Bridport, Dorset. |
| 6847 | A. Oct. 1912<br>F. Dec. 1918 | *SANCTUARY, CAMPBELL THOMAS, CAPT. .. .. .. .. .. | Bridport, Dorset. |
| 3589 | A. Oct. 1899<br>F. Oct. 1909 | *SANDELL, STANLEY LUNAU .. | 816, High Road, Tottenham, (Middlesex). |
| 4063 | A. Oct. 1902<br>F. Nov. 1903 | *SANDERS, INGALTON .. .. .. | Midland Bank Chambers, 165, Street, Southampton. |

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|---|---|---|
| Sep. 1895 | SANDERS, ROBERT MASSY DAWSON .. .. .. .. .. | Buckland Court, Betchworth, Surrey. |
| Oct. 1910 | *SANDERSON, WILLIAM WAITE, C.B.E. | Underwood, Riding Mill, Northumberland. |
| A. Oct. 1895<br>F. Mar. 1899 | *SANDFORD, CHARLES SIDNEY .. | St. James' Street, Sheffield. |
| A. Feb. 1902<br>F. Dec. 1920 | *†SANDS, HUBERT COVELL, LIC.R.I.B.A. .. .. .. .. | Amhurst, Guibal Road, Lee, S.E. |
| Oct. 1912 | SANDYS, HENRY .. .. .. .. | Dargle, Enniskerry, Co. Wicklow. |
| A. Feb. 1903<br>F. Oct. 1913 | *SANSOM, WILLIE STANLEY VENN | 23, Ireton Road, Colchester. |
| A. Oct. 1904<br>F. Nov. 1912 | *SARGANT, FRANK ELLISON .. .. | 64, North Side, Wandsworth Common, S.W.18. |
| A. Oct. 1904<br>F. Apr. 1911 | *SAUNDERS, ARTHUR PERCIVAL .. | Messrs. Collins & Collins, 37, South Audley Street, W. |
| A. Jan. 1890<br>F. Nov. 1892 | *SAUNDERS, CHARLES HERBERT .. | 150, Finchley Road, Hampstead, N.W. |
| A. Oct. 1900<br>F. July 1918 | *SAUNDERS, EDGAR WALTER .. | 28, Holland Road, Hove. |
| Oct. 1921 | *SAUNDERS, FREDERIC .. .. | 3, Staple Inn, W.C.1. |
| A. Mar. 1882<br>F. Mar. 1889 | SAVILL, ALFRED .. .. .. .. | Hill House, Dilham, Norwich. |
| A. Nov. 1890<br>F. Aug. 1893 | *SAVILL, SIR EDWIN, O.B.E. (*President*) .. .. .. .. | 51, Lincoln's Inn Fields, W.C.2. |
| A. Feb. 1905<br>F. July 1907 | *§SAVILL, HENRY NORMAN .. .. | 51, Lincoln's Inn Fields, W.C.2. |
| A. Oct. 1894<br>F. June 1904 | *§‡SAWYER, JOHN ASHTON .. .. | Monksacre, Abbott's Road, Winchester. |
| A. Oct. 1910<br>F. Dec. 1918 | *SAYER, HARVEY ROBERT, A.R.I.B.A., A.M.I.C.E. | 4, Holles Street, Cavendish Square, W.1. |
| Jan. 1922 | SAYER, HENRY TAYLOR .. .. | 81, Kent House Road, Sydenham, S.E.26. |
| A. Oct. 1905<br>F. Dec. 1920 | *SCARLETT, JOHN WALTER, JUN. | 5, Cecil Square, Margate. |
| A. Nov. 1916<br>F. Mar. 1920 | *§SCHOFIELD, ALFRED .. .. | District Valuer's Office, The Old Skating Rink, Doncaster. |
| A. Oct. 1894<br>F. Oct. 1899 | *SCOTT, ARCHIBALD LACY .. .. | Bracondale, Grove Road, Bury St. Edmund's. |
| A. Oct. 1911<br>F. Nov. 1922 | *SCOTT, CHARLES WILLIAM MONTAGU DOUGLAS | Bradford Estate Office, Weston-under-Lizard, Shifnal, Staffs. |
| Oct. 1917 | SCOTT, CRAWFORD ALLEN .. .. | Estate Office, Bearsden, Dumbartonshire. |
| Oct. 1915 | *SCOTT, JAMES .. .. .. .. | 16A, Pilgrim Street, Newcastle-on-Tyne. |
| A. Oct. 1903<br>F. May 1910 | *SCOTT, JOHN .. .. .. .. .. | 17, Eldon Square, Newcastle-on-Tyne. |
| Sep. 1895 | SCOTT, JOHN RUSSELL .. .. | Willsboro', Londonderry. |
| Nov. 1916 | SCOTT-KERR, J. .. .. .. | 11, Courtfield Gardens, S.W.5. |
| Jan. 1922 | SCOTT, WILLIAM HERBERT .. | 18, Queen Street, Cardiff. |
| Oct. 1921 | SCRIMGEOUR, JOHN .. .. | Doune Estate Office, Doune, Perthshire. |

† Special Sanitary Science Diploma. ‡ Special Forestry Diploma.

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|---|---|---|---|
| 755 | A. Feb. 1882<br>F. Mar. 1889 | SCRIVEN, CHARLES HERBERT .. | Watlington, Grange Road, Lewe |
| 2647 | Oct. 1894 | *SCRUBY, WILLIAM THOMAS .. | 2, Shaftesbury Road, Cambridge. |
| 3129 | A. Oct. 1896<br>F. Oct. 1899 | *SECKER, JOHN EUSTACE .. .. | Gorstage Hall, Sandiway, Chesh |
| 5271 | A. Oct. 1907<br>F. Oct. 1911 | *SEDGWICK, PERCY GEORGE .. | 1, Lewisham Hill, S.E. |
| 3260 | A. Oct. 1897<br>F. Jan. 1902 | *SEEL, ROBERT HAROLD .. .. | 75, St. Mary Street, Cardiff. |
| 7736 | Nov. 1918 | SELBY, ERNEST HARRY .. .. | Caxton House, Westminster, S.W |
| 1729 | A. Feb. 1890<br>F. Dec. 1922 | SELBY, FRANK .. .. .. .. | 44, Chancery Lane, W.C. |
| 6370 | A. Oct. 1911<br>F. Oct. 1913 | *SELWYN, WILLIAM INGRAM .. | Southern Rly., Estate Office (West Division), Victoria Station, S.W |
| 1863 | Nov. 1890 | SENIOR, HARRY SAMUEL .. .. | Sturminster Newton, Dorset. |
| 3130 | A. Oct. 1896<br>F. June 1897 | *SEXTON, GEORGE ALEXANDER .. | Bank Chambers, 42, High Road, Kil N.W. |
| 1049 | A. Jan. 1884<br>F. Mar. 1891 | SHACKLE, EDWARD NEILD.. .. | 25, Mount Street, Grosvenor Squ W. |
| 4794 | A. Oct. 1905<br>F. Nov. 1922 | *SHARP, HERBERT FIRTH .. .. | 1, Brigg's Villas, Queensbury, B ford. |
| 8107 | Oct. 1920 | SHARP, JAMES DANIEL, CAPT. .. | 48, Morningside Park, Edinburg |
| 3301 | Feb. 1898 | SHARP, JOHN GRANT .. .. .. | 172, Buchanan Street, Glasgow. |
| 5273 | A. Oct. 1907<br>F. Apr. 1915 | *SHAW, CHARLES WILLIAM .. | Church Street Chambers, Dewsb Yorkshire. |
| 8857 | Jan. 1922 | SHAW, CHRISTOPHER PEARSON | Esk Dale, Bingham, Nottingha |
| 3261 | A. Oct. 1897<br>F. Oct. 1898 | *SHEARBURN, HARRY, B.A. (*Cantab.*) | Munstead, Godalming, Surrey. |
| 8858 | Jan. 1922 | SHEARBURN, WILLIAM .. .. | 39, South Street, Dorking. |
| 7716 | Oct. 1917 | *SHEFFIELD, NOEL DENNIS .. | 18, St. Thomas's Street, Lon Bridge, S.E.1. |
| 7616 | A. Oct. 1915<br>F. Oct. 1924 | *SHELDON, FREDERICK CHARLES | 7A, King Edward Street, Mac field, Cheshire. |
| 8392 | Oct. 1921 | SHELLARD, THOMAS VINCENT | 23, South Frederick Street, Du |
| 4795 | A. Oct. 1905<br>F. Nov. 1913 | *SHEPHARD, JOSEPH ERNEST .. | 274 & 275, Upper Street, Islin N. |
| 6853 | A. Oct. 1912<br>F. Nov. 1917 | *SHEPHERD, WILLIAM, MAJOR | Campfield, Glassel, Aberdeenshi |
| 8859 | Jan. 1922 | SHEPHERD, WILLIAM .. .. | 33, Furnival Street, E.C.1. |
| 9143 | Oct. 1925 | SHEPPARD, HERCULES REID .. | General Valuation Dept., Dubl |
| 7658 | Nov. 1916 | SHEPPARD, VIVIAN LEE .. .. OSBORNE | Surveyor-General, The Survey Egypt, Giza (Mudiriya), Egy |
| 7933 | A. Nov. 1918<br>F. Dec. 1921 | *SHERLOCK, EDWARD DENTON.. | 25, Lever Street, Manchester. |
| 4525 | A. Oct. 1904<br>F. Oct. 1915 | *SHERWIN, HENRY EDWARD (*Member of Council*) | 7, Little College Street, Westmi S.W. |
| 706 | A. Jan. 1882<br>F. Dec. 1887 | SHERWIN, JOSEPH HENRY.. .. | 7, Little College Street, Westmi S.W. |
| 6854 | A. Oct. 1912<br>F. Oct. 1920 | *SHINER, FREDERIC WALTER .. | Elmhurst, High View Avenue, G Essex. |

| Date of Election and of Transfer | FELLOWS. | Address. |
|---|---|---|
| A. Oct. 1910<br>F. July 1922 | *Shirley, Henry Townsend | 3, Whittinghame Terrace, Jordanhill, Glasgow. |
| A. Oct. 1897<br>F. May 1924 | Shorney, Arthur Shepherd | 1, Talfourd Avenue, Reading. |
| Oct. 1903 | Short, Ernest William George, Maj., C.B.E. F.R.I.B.A., S.R.E.S. | R.E. Office, Bulford Camp, Salisbury Plain. |
| A. Feb. 1910<br>F. July 1920 | *Short, John Rodwell .. .. | 35, Aldermary Road, Bromley, Kent. |
| A. Oct. 1913<br>F. Dec. 1920 | *Shortall, John Francis .. | District Office of Public Works, Maryborough, Queens County. |
| Oct. 1915 | *Showers, Francis William .. | Fairlawn, Caversham, Reading. |
| A. Oct. 1895<br>F. June 1900 | *Shufflebotham, John Henry .. | Hazelford, Mount Nebo, Taunton. |
| Oct. 1903 | *Silcock, Edward John, M.I.C.E. | 25, Victoria Street, S.W.1, and 10, Park Row, Leeds. |
| Jan. 1922 | Silk, Christopher .. .. .. | 33, Newhall Street, Birmingham. |
| Oct. 1923 | Silvester, Arthur .. .. | 23, Collingtree Road, Sydenham, S.E. |
| Feb. 1906 | Silvester, George .. .. .. | 7, Adam Street, Strand, W.C. |
| A. Oct. 1919<br>F. Dec. 1921 | *Silvester, Sidney Bartlett .. | "Kinlough," Purley Downs Road, Purley, Surrey. |
| A. Oct. 1912<br>F. Nov. 1913 | *†Simmons, Edgar John .. .. | Station Place, Letchworth, Herts. |
| A. Nov. 1882<br>F. Aug. 1891 | Simmons, Sir W. Anker, K.B.E. | Henley-on-Thames, Oxfordshire, and Basingstoke, Hants. |
| Feb. 1910 | Simpson, Cecil John William .. | 24, Mount Park Crescent, Ealing, W.5 (Middlesex). |
| May 1888 | Simpson, Robert Thomas .. .. | Horsecroft, Bury St. Edmund's, Suffolk. |
| A. Oct. 1920<br>F. July 1923 | *Simpson, William Leonard .. | 15, Albert Crescent, Bury St. Edmund's, Suffolk. |
| A. Oct. 1909<br>F. Oct. 1923 | *§Sissons, William Wyrill .. | Waterloo Manor, Garforth, Leeds. |
| A. Oct. 1904<br>F. Apr. 1922 | *Skelt, Frederick Mitchell .. | 34, Clement's Lane, Lombard Street, E.C.3. |
| A. Nov. 1892<br>F. May 1897 | *Skipper, Henry Herbert, M.B.E. | Civil Engineer-in-Chief's Dept., Archway, Block South, Admiralty, S.W.1. |
| A. June 1896<br>F. Oct. 1898 | *Skrimshire, Samuel .. .. .. | 32–34, Theobald's Road, W.C.1. |
| A. Oct. 1898<br>F. Feb. 1901 | *Skues, Charles Ayre Mackenzie | Ye Haven, Hockering Road, Woking, Surrey. |
| A. Oct. 1914<br>F. Apr. 1919 | *Slade, Arnold .. .. .. .. | Valuation Department, Lincoln's Inn Fields, W.C. |
| Nov. 1891 | Slade, James Benjamin .. .. | 67 and 68, Cheapside, E.C. |
| Feb. 1910 | *Slater, Eric Arnold .. .. | Town Hall, Colchester, Essex. |
| Jan. 1922 | Slater, James Dench .. .. | 20, Blythwood Road, Crouch Hill, N.4 (Middlesex). |
| A. Feb. 1894<br>F. Feb. 1900 | *Sly, Joseph Townson .. .. | Estate Agency Offices, Rickmansworth, Herts. |

† Special Sanitary Science Diploma.

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|---|---|---|---|
| 4529 | A. Oct. 1904<br>F. July 1920 | *SMALL, LEONARD JOHN .. .. | Surveyor's Office, Farnborough, n Orpington, Kent. |
| 4067 | A. Oct. 1902<br>F. July 1913 | *SMALLEY, WILLIAM .. .. .. | Floraville, 12, Beacon Hill, Cam Road, N. |
| 6126 | Oct. 1911 | SMART, JAMES .. .. .. .. | 21, Coram Street, W.C.1. |
| 6861 | A. Oct. 1913<br>F. Apr. 1916 | *SMITH, ALFRED EDWARD .. | 5, St. Andrew Street, Dublin. |
| 4069 | A. Oct. 1902<br>F. Jan. 1908 | *SMITH, ARTHUR TELFORD .. .. | 15, Cheapside, Bradford. |
| 2989 | A. Oct. 1895<br>F. Oct. 1900 | *SMITH, CHARLES GORDON .. .. | 56, Cannon Street, E.C. |
| 4071 | A. Oct. 1902<br>F. May 1906 | *†SMITH, CYRIL HERBERT .. .. | Chilvester Hill House, Calne, W shire. |
| 3591 | A. Oct. 1899<br>F. Dec. 1924 | SMITH, DOUGLAS .. .. .. | Brownlow Estate Office, 40, M thorpe Road, Grantham. |
| 1626 | May 1889 | SMITH, EDWARD .. .. .. .. | High Street, Mundesley, Norfolk, a 68, Great Queen Street, Kingsw W.C. |
| 4530 | A. Oct. 1904<br>F. Dec. 1921 | *SMITH, ERNEST EDWARD .. .. | 37, Shepherd's Lane, Dartford, Ke |
| 1484 | Apr. 1888 | SMITH, FRANK .. .. .. .. | 104, Colmore Row, Birmingham. |
| 2389 | Nov. 1891 | SMITH, FRANK ADAMS, F.R.I.B.A. | 35, New Broad Street, E.C. |
| 2606 | A. Oct. 1893<br>F. July 1895 | SMITH, FRANK BRAYBROOKE, C.M.G., M.A. (*Cantab.*). .. | School of Agriculture, Cambridge |
| 2390 | Nov. 1891 | SMITH, FREDERICK JOHN .. .. | 21, Portland Street, Southampton. |
| 3428 | A. Oct. 1898<br>F. Dec. 1920 | *SMITH, GEORGE HENRY .. .. | 41, Clivedon Road, Wimbledl S.W.19 (Surrey). |
| 2871 | Sep. 1895 | SMITH, GEORGE YOUNG .. .. | Stradowan, Omagh, Co. Tyrone. |
| 8403 | Oct. 1921 | *SMITH, GORDON WINTON MACKLIN | Brookfield, Neeld Crescent, Hen N.W.4 (Middlesex.) |
| 8862 | Jan. 1922 | SMITH, HENRY .. .. .. .. | 37, High Holborn, W.C.1. |
| 3829 | A. Oct. 1901<br>F. Oct. 1918 | *SMITH, HUBERT GEORGE .. .. | Boughton Monchelsea, Maidstone. |
| 4264 | A. Oct. 1903<br>F. June 1912 | *SMITH, HUGH .. .. .. .. | Auction Land and Estate Office, Peter's Road, Broadstairs, Kent |
| 1487 | May 1888 | SMITH, JOHN THOMPSON .. .. | 34, John Dalton Street, Manchester |
| 5854 | Oct. 1910 | *SMITH, JONAH WALKER .. .. | Ministry of Health, Whitehall, S.W |
| 2118 | May 1891 | SMITH, PERCY PYNE CALDECOTT, O.B.E. .. .. .. .. .. | Dragonfield, Sandown, Isle of Wi |
| 3894 | A. Oct. 1901<br>F. Jan. 1907 | *SMITH, QUENTIN CULLEN, R.G.A. (S.R.) | 68, Great Queen Street, Kingsw W.C.2, and 1, High Street, M desley, Norfolk. |
| 9141 | Oct. 1923 | SMITH, ROLAND INGLEBY .. | Ministry of Finance, 113, R Avenue, Belfast. |
| 1820 | May 1890 | SMITH, SIDNEY .. .. .. .. | Southwater, Horsham, Sussex. |
| 5778 | A. Oct. 1909<br>F. June 1915 | *SMITH, SIDNEY .. .. .. .. | 68, Great Queen Street, Kingsw W.C., Knebworth, and Munde |
| 4072 | A. Oct. 1902<br>F. Jan. 1908 | *SMITH, STANLEY ADDISON, MAJOR | Trinity Buildings, New Bridge St Newcastle-on-Tyne. |

† Special Sanitary Science Diploma.

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|---|---|---|
| A. Oct. 1897<br>F. Nov. 1900 | *§Smith, Sydney Arthur .. .. | 22, Chancery Lane, W.C. |
| Feb. 1908 | Smith, Thomas .. .. .. .. | The Castle, Maybole, Ayrshire. |
| Jan. 1922 | Smith, Thomas Sumner .. | 25, Cross Street, Manchester. |
| Jan. 1922 | Smith, Walter Henry, A.R.I.B.A... .. .. .. .. | 18, High Street, Maidstone. |
| A. Oct. 1905<br>F. Apr. 1922 | *Smith, William Boulton, B.Sc., A.M.I.C.E. | Borough Engineer and Surveyor, Maison Dieu House, Dover. |
| Jan. 1922 | Smyth, John Henry .. .. | Granville House, Arundel Street, Strand, W.C.2. |
| A. Oct. 1911<br>F. July 1922 | *Smyth-Richards, Frederick George | Tilery Cottage, Filleigh, South Molton, Devon. |
| Feb. 1887 | Smyth-Richards, George Cobley, O.B.E. | Estate Office, Castle Hill, near South Molton, Devonshire. |
| A. Oct. 1904<br>F. Nov. 1912 | *Sneath, Frank Edgar .. .. | 15, New Bridge Street, E.C.4. |
| A. Oct. 1897<br>F. Apr. 1923 | *Snow, Henry Cyprian .. .. | 10, Pocklington's Walk, Leicester. |
| A. Oct. 1915<br>F. July 1916 | *Soar, Arthur Cobden .. .. | Dilkusha, Park Road, Cheam, Surrey. |
| A. Oct. 1913<br>F. Oct. 1915 | *Solomons, Ernest Albert .. | 1, Gray's Inn Place, W.C. |
| A. Oct. 1907<br>F. Oct. 1910 | *South, Arthur Edward.. .. | Bank Top Chambers, 177 Victoria Road, Darlington. |
| A. Oct. 1895<br>F. Oct. 1900 | *Southorn, Charles Herbert.. | 38, The Parade, Leamington Spa, Warwickshire. |
| A. Oct. 1893<br>F. Nov. 1896 | *Sowels, William Clowes .. | Preston Capes, Byfield, Northamptonshire. |
| Oct. 1911 | *Spain, Joseph, Lieut.-Col., F.R.I.B.A. | The Nook, East Boldon, S.O., Durham. |
| A. Oct. 1903<br>F. Apr. 1911 | *Sparke, Norman Lush .. .. | c/o Shanghai Land Investment Company, 2, Jin Kee Road, Shanghai, *via* Siberia. |
| A. Oct. 1922<br>F. Dec. 1924 | *Sparks, William Henry .. | 21, Adamson Road, Swiss Cottage, N.W. |
| Oct. 1914 | *Speed, William Robert Sydney | 25, Darlington Street, Wolverhampton, Staffs. |
| Nov. 1918 | Speirs, Archibald .. .. .. | 74, Canning Street, Glasgow. |
| A. Nov. 1890<br>F. Apr. 1922 | Spelman, William Wilton Rix | Bank Plain, Norwich. |
| Jan. 1922 | Spencer, George .. .. .. | 79, Gresham Street, E.C. |
| A. Oct. 1904<br>F. Apr. 1911 | *§Spensley, James Calvert, O.B.E. | L.C.C. Estates Office, Spring Gardens, S.W.1. |
| A. Oct. 1912<br>F. June 1915 | *Spicer, Arthur Charles.. .. | 5, Princess Royal Park, Scarborough. |
| A. Oct. 1908<br>F. Feb. 1919 | *Spooner, Herbert John .. .. | Estates Office, Millwall, E.14. |
| Jan. 1922 | Sprague, Alfred James Highmore .. .. .. .. | 104, High Holborn, W.C.1. |
| A. Oct. 1903<br>F. Dec. 1914 | *Spyer, George, O.B.E. .. .. | 321-323, Finchley Road, Hampstead, N.W.3. |

| Dip. No. | Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|---|
| 1822 | May 1890 | SQUAREY, NEWELL WILLIAM PITTS | Bemerton, Salisbury. |
| 1277 | Dec. 1885 | STACEY, HARRIE.. .. .. .. | Station Road, Redhill, Surrey. |
| 4805 | A. Oct. 1905<br>F. Sep. 1919 | *STACEY, MICHAEL BEDE .. .. | Gresham Buildings, Redhill, Surr |
| 7709 | Oct. 1917 | STALEY, FRANK GEOFFREY, CAPT., R.E. | Roads Department, Ministry Transport, Whitehall, S.W.1. |
| 2393 | Nov. 1891 | STALLARD, ALFRED EDWIN .. | West Street, Havant, Hants. |
| 2394 | Nov. 1891 | STALLARD, WILLIAM .. .. .. | St. John's House, St. John's, Worcest and Worcester Chambers, Worcest |
| 5037 | A. Oct. 1906<br>F. July 1921 | *STAMPER, THOMAS HENRY GILBORN | Assistant Surveyor to Govt. of Bo bay, Poona, Bombay Presiden |
| 6870 | A. Oct. 1912<br>F. Apr. 1920 | *STANBRIDGE, ARCHIBALD ROBERT | 22, Watery Lane, Merton Pa S.W.19 (Surrey). |
| 2395 | Nov. 1891 | STANFORD, CHARLES MAURICE.. | 23, High Street, Colchester. |
| 2269 | A. Oct. 1897<br>F. July 1901 | *STANFORD, GEORGE .. .. .. | 3A, Dean's Yard, Westminster, S.W and 102, Wokingham Road, Readi |
| 2120 | May 1891 | STANHAM, GEORGE GORDON .. | 26 & 27, Bush Lane, Cannon Stre E.C. |
| 7479 | Oct. 1914 | STANLEY, HARRY MERRIDEW .. | 34, Clement's Lane, Lombard Stre E.C.3. |
| 1437 | Jan. 1888 | STANLEY-DODGSON, STANLEY DICKINSON | Estate Office, Somerset House, Whi haven, Cumberland. |
| 8867 | Jan. 1922 | STANTIALL, FREDERICK CHRISTOPHER .. .. .. | Borough Architect's Office, Swans |
| 2431 | A. Oct. 1898<br>F. Nov. 1908 | *STANTON, FREDERICK WILLIAM SCHULTHEISS, A.M.I.C.E. .. | Maidstone Road, Chatham. |
| 2609 | A. Oct. 1893<br>F. Oct. 1894 | *STAPLEDON, ERNEST ALLEN .. | Bridge Chambers, Bideford, Nor Devon. |
| 2735 | A. Oct. 1900<br>F. Dec. 1919 | *STEAD, EDWARD JOHN, A.M.I.C.E. | County Surveyor's Office, 49, Hi Street, Weston-super-Mare. |
| 6058 | A. Oct. 1910<br>F. July 1921 | *STEEL, ALEXANDER MCKEAND | The Holt, South Road, Taunton |
| 7747 | Nov. 1918 | STEEL, JAMES, M.A. .. .. | 502, St. Vincent Street, Glasgow. |
| 469 | Jan. 1877 | STENNING, SIR ALEXANDER ROSE F.R.I.B.A. (*Past-President*) | 7A, Laurence Pountney Hill, Cann Street, E.C.4. |
| 8868 | Jan. 1922 | STEPHEN, JAMES EMIL .. .. | Mollington, Chester. |
| 3538 | A. Oct. 1901<br>F. Jan. 1907 | *STEPHENS, JOHN KYLE, M.B.E. | 13, Donegall Square North, Belfast |
| 4338 | Oct. 1904 | STEPHENS, SAMUEL .. .. .. | 13, Donegall Square North, Belfast. |
| 5781 | A. Oct. 1909<br>F. June 1919 | *STEVENS, BENJAMIN .. .. .. | 20, Cornfield Road, Eastbourne. |
| 1823 | May 1890 | STEVENS, CHARLES VIVIAN .. | 56, Buckingham Gate, Victoria Stre Westminster, S.W. |
| 2397 | Nov. 1891 | STEVENS, JOHN WM., A.R.I.B.A. | 16, Godliman Street, Queen Victo Street, E.C. |
| 4806 | A. Oct. 1905<br>F. June 1914 | *STEVENS, NICHOLAS RICHARD .. | 1, Alexandra Villas, Finsbury Park, |
| 5280 | A. Oct. 1907<br>F. July 1919 | *STEVENS, WILLIAM FREDERICK HOOD | 7, Hobart Place, Grosvenor Garde S.W.1. |

| ip. o. | Date of Election and of Transfer | FELLOWS. | Address. |
|---|---|---|---|
| 92 | A. Oct. 1913<br>F. Sep. 1919 | *Stevens, Wilmot Driffield .. | Land Valuation Department, 16, Valley Bridge Parade, Scarborough. |
| 3 | Oct. 1897 | Stevenson, Allan .. .. .. | 14, Cathcart Street, Ayr, N.B. |
| 0 | A. Jan. 1882<br>F. Oct. 1915 | Stevenson, Frederick John .. | |
| 0 | A. Oct. 1903<br>F. Oct. 1910 | *Steward, Clifford Thomas .. | 45, Parliament Street, S.W.1. |
| 3 | Oct. 1921 | Steward, Herbert Arthur | 45, Parliament Street, S.W.1. |
| 0 | A. Oct. 1921<br>F. Oct. 1924 | *Stewart, Alastair Macdonald .. .. .. .. | Dunclutha, Dalmuir, N.B. |
| 4 | Sep. 1895 | Stewart, Right Honble. George Francis (*Past-President*) .. .. .. .. .. | Summerhill, Killiney, Co. Dublin. |
| 1 | A. Oct. 1903<br>F. Apr. 1914 | *Stewart, Harry S., A.R.I.B.A... | Ministry of Health, Whitehall, S.W., and Bracken Hill, Limpsfield, Surrey. |
| 8 | Nov. 1918 | Stewart, James Bunting .. | 228, Cambridge Street, Glasgow. |
| 9 | Oct. 1920 | *Stewart, Marshall Sophos | 28, Fisher Street, Swansea. |
| 3 | Oct. 1921 | Stewart, Pakenham Thomas | Valuation Office, Cork. |
| 6 | Oct. 1919 | Stewart, Robert Henry Rynn .. .. .. .. .. | 6, Leinster Street, Dublin. |
| 1 | May 1891 | Stocks, Frederick William.. | Town Hall Chambers, Middlewich, Cheshire. |
| 7 | Oct. 1915 | *Stone, Arnold .. .. .. .. | P.W.D., Bathurst, Gambia, Africa. |
| 8 | A. Oct. 1900<br>F. Oct. 1920 | *‡Stone, Cyril Frank .. .. | Lyngate, Belmont Road, Reigate, Surrey. |
| 3 | A. Oct. 1908<br>F. June 1910 | *Stone, Edward Albert .. .. | 20, Berkeley Street, Piccadilly, W.1. |
| 9 | A. Oct. 1901<br>F. Jan. 1912 | *Stone, Frederic.. .. .. .. | Estate Office, Elsham, Grimsby, Lincs. |
| 2 | A. Oct. 1909<br>F. July 1920 | *Stone, Henry Walcott .. | Lloyd Bank Chambers, North Street, Taunton. |
| 2 | A. Oct. 1897<br>F. July 1907 | *Stoneham, Edward Russell.. | Orchard House, Crayford, Kent. |
| 4 | Oct. 1921 | Stoner, Alfred Hills .. | 63–4, New Broad Street, E.C. |
| 5 | A. Oct. 1902<br>F. Jan. 1906 | *‡Stooke, John Edwin Hellyar | 2, Palace Yard, Hereford. |
| 9 | Nov. 1891 | Stopher, Thomas .. .. .. | Winchester. |
| 3 | A. Oct. 1907<br>F. Feb. 1918 | *Stops, Herbert Jackson .. | Wood Burcote Court, Towcester. |
| 1 | Nov. 1922 | *Storie, James Foggo .. .. | H.M. Office of Works, 4, Drumsheugh Gardens, Edinburgh. |
| 5 | Oct. 1912 | *Story, Philip Francis, Lt.-Col., D.S.O... .. .. .. .. .. | 19, Northampton Square, E.C.1. |
| 8 | A. Dec. 1882<br>F. Apr. 1922 | Stower, Joseph .. .. .. | 43, Chancery Lane, W.C.2. |
| 7 | A. Oct. 1904<br>F. Dec. 1910 | *Strachan, Charles John .. | 62, Haverstock Hill, N.W.3. |
| 4 | A. Oct. 1910<br>F. Nov. 1922 | *Strachan, Robert Gordon .. | Surveyor's Department, New Scotland Yard, S.W.1. |

‡ Special Forestry Diploma.

| Dip. No. | Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|---|
| 7621 | A. Oct. 1915<br>F. July 1921 | *Strickland, William .. .. | Fairview Road, Hungerford, Berks |
| 2993 | A. Oct. 1895<br>F. June 1898 | *Strouts, Lewis Herbert.. .. | 140, Sloane Street, S.W.1. |
| 415 | A. Dec. 1875<br>F. June 1891 | Strutt, The Hon. Edward Gerald, C.H. *(Past-President)* | 49, Russell Square, W.C., and White lands, Hatfield Peverel, Witham Essex. |
| 6876 | A. Oct. 1912<br>F. Mar. 1920 | *Stuart, Francis Donald .. | Bank Top Chambers, 177, Victori Road, Darlington, Durham. |
| 7756 | Nov. 1918 | Studdert, Loftus Adam .. | The Cottage, Lisnaskea, Co. Fer managh. |
| 1235 | A. Dec. 1884<br>F. Oct. 1911 | Sturge, Theodore .. .. .. | 11, Orchard Street, Bristol. |
| 3779 | Oct. 1901 | *Sturt, Charles Edwin .. .. | 16, St.Stephen's Gardens, East Twicke ham, Middlesex. |
| 6877 | A. Oct. 1912<br>F. Dec. 1919 | *Suddards, Frank .. .. .. | Exchange Buildings, Skipton-in- Craven, Yorks. |
| 6478 | Oct. 1912 | Sullivan, William C. L. .. .. | 60, South Mall, Cork. |
| 5285 | A. Oct. 1907<br>F. Nov. 1916 | *Summerfield, Horace .. .. | Clevedon, York Road, Guildford. |
| 1978 | A. Jan. 1891<br>F. July 1922 | Summerfield, Joseph Charles .. .. .. .. | 43, Chancery Lane, W.C. |
| 7535 | A. Oct. 1914<br>F. Apr. 1922 | *Summersell, James Gleed .. | c/o Messrs. Nicholas, 4, Alban Court Yard, Piccadilly, W.1. |
| 5786 | A. Oct. 1909<br>F. June 1914 | *Sutcliffe, Albert James.. .. | The Temple, 24, Dale Street, Liver pool. |
| 8108 | Oct. 1920 | Sutherland, John Donald | 11, Inverleith Row, Edinburgh. |
| 3432 | A. Oct. 1898<br>F. Nov. 1909 | *Sutton, Frederick Stanley .. | 9, Stone Buildings, Lincoln's Inn W.C., and St. Peter's, Hatch End Middlesex. |
| 1427 | A. Dec. 1887<br>F. Feb. 1892 | Swetenham, Henry .. .. .. | 49, North Gate Street, Chester. |
| 2878 | Sep. 1895 | Swiney, William D. .. .. .. | Moyagh, Ramelton, Co. Donegal. |
| 6386 | A. Oct. 1911<br>F. June 1919 | *Sykes, Wilfred Elsworth .. | " Ashfield," Hessle, nr. Hull, York |
| 4076 | A. Oct. 1902<br>F. July 1922 | *Symes, William Charles .. | 45, New Bond Street, W.1. |
| 4077 | A. Oct. 1902<br>F. Apr. 1908 | *Symmons, Percy James .. .. | 37, Cranhurst Gardens, Willesde Green, N.W. (Middlesex). |
| 6069 | A. Oct. 1910<br>F. June 1919 | *Syms, Reginald Hardy, Major | 3, Gray's Inn Place, W.C.1. |
| 2879 | Sep. 1895 | Synge, Edward .. .. .. .. | Estate Office, Dundrum, Dublin. |

| | Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|---|
| E | A. Oct. 1903<br>F. May 1917 | *TAIT, WILLIAM IRONSIDE, MAJOR, O.B.E. | Ministry of Transport, Broad Street Chambers, Easy Row, Birmingham. |
| 5 | A. Nov. 1918<br>F. Dec. 1919 | *TALBOT, JOHN HENRY .. .. | 70, Broadway Avenue, Wallasey, Cheshire. |
| 2 | Feb. 1898 | TANNAHILL, ROBERT DUNLOP .. | Lands Valuation Office, Kilmarnock. |
| 78 | A. Oct. 1912<br>F. Sep. 1919 | *TANNER, ARTHUR RALPH .. .. | 46, Lincoln's Inn Fields, W.C. |
| .7 | May 1886 | TANNER, SIR HENRY, C.B., I.S.O., F.R.I.B.A. .. .. .. .. .. | 3, Hanover Square, W.1. |
| 2 | A. Oct. 1901<br>F. Apr. 1914 | *TANNER, RUDOLPH .. .. .. | 74, Erpingham Road, Putney, S.W.15 |
| 6 | A. Nov. 1918<br>F. July 1921 | *TANSLEY, DAVID THOMAS .. | City Surveyor's Office, Town Hall, Manchester. |
| 9 | Jan. 1922 | TARRANT, HENRY GEORGE .. | 35, Heath Street, Hampstead, N.W.3. |
| 7 | A. Oct. 1907<br>F. Apr. 1913 | *TAYLOR, ALFRED CECIL .. .. | 3, King Street, Cheapside, E.C. |
| 0 | Jan. 1922 | TAYLOR, ARTHUR F. .. .. | 3, Woodfield Road, King's Heath, Birmingham. |
| 5 | Nov. 1891 | TAYLOR, ARTHUR WILLIAM .. | 159, High Street, Putney, S.W. |
| 1 | A. Oct. 1910<br>F. Apr. 1915 | *TAYLOR, DAVID HENRY .. .. | 14, Stanley Avenue, Beckenham. |
| 9 | A. Oct. 1902<br>F. Jan. 1911 | *TAYLOR, EDWIN THURLOW .. | Endsleigh, South Drive, St. Anne's-on-Sea. |
| 2 | A. Oct. 1910<br>F. Dec. 1919 | *TAYLOR, FRANK GEOFFREY .. | 39, Newhall Street, Birmingham. |
| 22 | A. Oct. 1915<br>F. Dec. 1920 | *TAYLOR, FREDERIC DENNISON | Jessamine Cottage, Upminster, Essex. |
| 39 | A. Oct. 1909<br>F. Apr. 1921 | *TAYLOR, GEORGE D. .. .. | Chestnut Cottage, Market Hill, Armagh. |
| 1 | Jan. 1922 | TAYLOR, GEORGE SYLVESTER .. | Queen's College, Paradise Street, Birmingham. |
| 8 | A. Nov. 1892<br>F. Nov. 1895 | *TAYLOR, HARRY WILLIAM, A.M.I.C.E. | Cathedral Buildings, Dean Street, Newcastle-on-Tyne. |
| 9 | A. Oct. 1907<br>F. July 1920 | *§TAYLOR, JOHN HENLEY .. | Ingleside, Golden Manor, Hanwell, W. (Middlesex). |
| 1 | A. Mar. 1888<br>F. July 1891 | TAYLOR, JOHN HERBERT .. .. | Turners Hill, Sussex. |
| 6 | A. Oct. 1903<br>F. Oct. 1910 | TAYLOR, JOHN JAMES.. .. .. | 11, Little College Street, Westminster, S.W. |
| 0 | A. Oct. 1912<br>F. Apr. 1923 | *TAYLOR, SHEPHERD HOAD, A.M.I.C.E. | Valuation Office, Inland Revenue, 78, King Street, Manchester. |
| 3 | A. Feb. 1906<br>F. Dec. 1919 | *TAYLOR, THOMAS OSBORNE .. | 25, Grand Avenue, Muswell Hill, N. (Middlesex). |
| 7 | Nov. 1891 | TAYLOR, THOMAS WALTERS .. | 17, Stretford Road, Manchester, S.W. |

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|---|---|---|---|
| 3740 | A. Oct. 1900<br>F. Oct. 1910 | *TAYLOR, WILLIAM HENRY.. .. | 23, King Street, Nottingham. |
| 6881 | A. Oct. 1912<br>F. Dec. 1920 | *TAYLOR, WILLIAM JOHN PALMER .. .. .. .. .. | 25, Clare Street, Bristol. |
| 6389 | A. Oct. 1911<br>F. Nov. 1916 | ‡§*TAYLOR, WILLIAM LING .. | 100, Cromwell Road, S.W.7. |
| 4812 | A. Oct. 1905<br>F. Oct. 1920 | *TEARE, JOSEPH ERNEST.. .. | 7, Woodside Terrace, Douglas, Isle o Man. |
| 2639 | A. Feb. 1894<br>F. Oct. 1894 | *TEE, SAMUEL CLIFFORD .. .. | 50, Moorgate Street, E.C. |
| 2469 | A. Nov. 1891<br>F. Oct. 1894 | *TEMPLE, FREDERICK WILSON .. | 69, Sandgate Road, Folkestone. |
| 3906 | A. Oct. 1901<br>F. May 1910 | *TERRY, ARTHUR ELLIOTT .. .. | District Valuer's Office, 18, Bennett' Hill, Birmingham. |
| 4080 | A. Oct. 1902<br>F. May 1909 | *TERRY, ERNEST FAIRCHILD .. | Engamer, 19, St. Matthew's Avenue Surbiton, Surrey. |
| 7509 | Oct. 1914 | THACKER, SIDNEY LEONARD .. | Lloyds Bank Chambers, Walsall Staffs. |
| 6074 | A. Oct. 1910<br>F. Nov. 1924 | *THAKE, ROBERT FREDERICK WILLIAM .. .. .. .. | 28, Bartholomew Street, Newbury. |
| 2610 | A. Oct. 1893<br>F. Oct. 1898 | *§THEAKSTON, WILLIAM PEASE, M.B.E. .. .. .. .. .. | Huntingdon. |
| 3053 | A. June 1896<br>F. June 1898 | *THEOBALD, JOHN MEDOWS .. | 96, Gower Street, W.C.1. |
| 5290 | A. Oct. 1907<br>F. Nov. 1909 | *THIRLAWAY, ROBERT .. .. | Jesmond Cottage, Winchester Road Southampton. |
| 7717 | Oct. 1917 | *THOMAS, ARTHUR LLOYD, M.B.E. | 23, Gelliwastad Road, Pontypridd S. Wales. |
| 7948 | A. Nov. 1918<br>F. Dec. 1923 | *THOMAS, BERNARD CAMPBELL | Bank Chambers, 222, Great Dove Street, S.E. |
| 3434 | A. Oct. 1898<br>F. Jan. 1901 | *§THOMAS, CHARLES JOHN HOWELL (*Member of Council*) .. .. | Inland Revenue, Somerset House, W.C |
| 7741 | Nov. 1918 | THOMAS, ERNEST .. .. .. | C. Sub-Area Headquarters, W. and B Dept., Henlow Aerodrome, Henlow Station, Bedford. |
| 1765 | Mar. 1890 | THOMAS, GLEGGE .. .. .. | Warriston, St. Michael's Hamlet Liverpool. |
| 2719 | A. Oct. 1894<br>F. July 1901 | *THOMAS, ILLTYD .. .. .. | 17, Quay Street, Cardiff. |
| 6077 | A. Oct. 1910<br>F. Apr. 1919 | *THOMAS, ROBERT ROGERS.. .. | 36, Bryn Road, Swansea. |
| 8872 | Jan. 1922 | THOMAS, SAMUEL .. .. .. | 9, South Parade, Manchester. |
| 5043 | A. Oct. 1906<br>F. Oct. 1914 | *THOMERSON, ALBERT .. .. .. | 9, Finsbury Square, E.C. |
| 841 | Dec. 1882 | THOMPSON, ARTHUR EDMUND .. | Cookham Dean, Berks. |
| 6886 | A. Oct. 1912<br>F. June 1919 | *THOMPSON, CHARLES WILLIAM WARD, F.R.I.B.A. | Bank Chambers, High Street, Rochester. |
| 7738 | Nov. 1918 | THOMPSON, CHRISTOPHER .. | 18, Wood Street, Bolton, Lancashire. |
| 6150 | Oct. 1911 | *THOMPSON, EDWARD HORACE .. | Southernhay, Hook, Surbiton, Surrey |

‡ Special Forestry Diploma.

| p. o. | Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|---|
| 97 | A. Nov. 1916<br>F. July 1923 | *THOMPSON, FRANCIS LONGSTRETH .. .. .. .. | 121, Victoria Street, S.W.1. |
| 11 | Nov. 1891 | THOMPSON, FRANCIS WILLIAM.. | Fairhaven, Albert Road West, Heaton, Bolton. |
| 12 | Nov. 1918 | THOMPSON, FRANK COWBURN .. | Hazeley, The Avenue, Worcester Park, Surrey. |
| 35 | Oct. 1900 | THOMPSON, SIR ROBERT JAMES | 5, Homefield Road, Bromley, Kent. |
| 94 | A. Oct. 1911<br>F. July 1918 | *THOMSON, CHARLTON, MAJOR .. | 5, Cook Street, Liverpool. |
| 14 | A. Oct. 1904<br>F. Oct. 1910 | *THOMSON, JOHN LORIMER.. .. | Valuation Dept., 45, Commercial Street, Dundee. |
| 73 | Jan. 1922 | THORNE, EDWARD ALEXANDER | 259, Lauderdale Mansions, Maida Vale, W. |
| 12 | A. Feb. 1904<br>F. May 1910 | *THORNTON, ARTHUR BRUCE .. | Corner House, London Lane, Bromley, Kent. |
| 19 | Oct. 1902 | *THORP, ROBERT HAYTON .. .. | Land of Green Ginger, Hull. |
| 57 | A. Feb. 1882<br>F. Nov. 1889 | THORPE, CHRISTOPHER .. .. | 8, Deganwy Avenue, Llandudno, N. Wales. |
| 22 | May 1891 | THORPE, JOHN .. .. .. .. | Market Bosworth, Leicestershire. |
| 22 | A. Oct. 1894<br>F. July 1895 | *THRING, DOUGLAS THEODORE .. | Merton College, Oxford. |
| 00 | A. Feb. 1892<br>F. Nov. 1900 | *THURGOOD, ALBERT EDWARD .. | Valuer's Office, 8, Southsea Terrace, Portsmouth. |
| 99 | A. Oct. 1899<br>F. Jan. 1922 | THURGOOD, LEONARD FIELDER | 18, Adam Street, Strand, W.C.2. |
| 91 | A. Dec. 1880<br>F. Nov. 1887 | THURNALL, JOHN EDWARD .. | Royston, Herts. |
| 70 | Jan. 1884 | THYNNE, GUY HARRY.. .. .. | 9, Victoria Street, S.W. |
| 16 | A. Oct. 1905<br>F. Nov. 1913 | *THYNNE, REGINALD LAMBERT .. | 9, Victoria Street, S.W. |
| 80 | A. Oct. 1910<br>F. July 1916 | *TICKLE, ARTHUR GEORGE WARNHAM, F.R.I.B.A. | Architectural Office, Public Works Dept., Hong Kong. |
| 96 | A. Oct. 1911<br>F. Apr. 1923 | *TIFFEN, JOHN HALL .. .. | 20, Lowther Street, Carlisle. |
| 36 | A. Oct. 1914<br>F. July 1923 | *TILL, TOM RYMER .. .. .. | 23, High Street, Chepstow, Mon. |
| 42 | Nov. 1922 | *TIMPERLEY, GEORGE KENYON | H.M. Office of Works, Storey's Gate, S.W.1. |
| 73 | Feb. 1887 | TINDALL, CHARLES WILLIAM .. | 8, Bank Street, Lincoln. |
| 78 | Oct. 1915 | *TINKER, HAROLD .. .. .. | 5, Imperial Arcade, Huddersfield. |
| 51 | A. Nov. 1918<br>F. Mar. 1920 | *TINSLAY, THOMAS PERCIVAL | 26, Wilfred Street, Buckingham Gate, S.W.1 |
| 47 | A. Oct. 1904<br>F. Apr. 1911 | *TITFORD, HORACE JAMES.. .. | Messrs. Waterer and Dickins, 138, High Street, Bromley, Kent. |
| 41 | Jan. 1885 | TODD, WILLIAM HENRY, M.I.C.E. .. .. .. .. .. | County Buildings, Hull. |
| 38 | A. Feb. 1902<br>F. June 1912 | *TOMLIN, FRANCIS FERRIER .. | Chase Bank, Avenue Road, Old Southgate, N. |
| 30 | A. Oct 1903<br>F. Dec. 1922 | *TOMLIN, WILLIAM .. .. .. | 39, Station Road, Clacton-on-Sea. |

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|---|---|---|---|
| 1438 | Jan. 1888 | TOMLINSON, THOMAS H. .. .. | 2, St. James's Street, Derby. |
| 8080 | A. Oct. 1919<br>F. July 1923 | *TOMMIS, GEORGE HAROLD .. | Ravenswood, Wilmslow, Cheshire. |
| 6893 | A. Oct. 1912<br>F. Oct. 1923 | *TOMSON, MAYNARD .. .. .. | Bedford House, Luton, Beds. |
| 2550 | A. Nov. 1892<br>F. Feb. 1896 | *TORY, JOHN EDWARD.. .. .. | Valuation Department, 51, Quee Street, Exeter. |
| 447 | Apr. 1876 | TOWER, BROWNLOW RICHARD CHRISTOPHER | Bridgewater Estate Office, Ellesmer Salop. |
| 2736 | A. Mar. 1895<br>F. Oct. 1898 | *TOWNEND, WILLIAM .. .. .. | Messrs. T. B. Sanderson & Townend 3, Mosley Street, Newcastle-on Tyne. |
| 6477 | Oct. 1912 | TOWNSEND, GEORGE C. .. .. | Weston, Queenstown, Co. Cork. |
| 2890 | Sep. 1895 | TOWNSHEND, CHARLES LOFTUS.. | 15, Molesworth Street, Dublin. |
| 2893 | Sep. 1895 | TOWNSHEND, THOMAS LOFTUS .. | 15, Molesworth Street, Dublin. |
| 6400 | A. Oct. 1911<br>F. Apr. 1914 | *TRACY, CHARLES FREDERICK .. | 4 & 5, Warwick Court, Gray's In W.C.1. |
| 1276 | A. Oct. 1897<br>F. May 1903 | *TREHEARNE, ALFRED FREDERICK ALDRIDGE .. .. .. .. | 83, Kingsway, W.C.2. |
| 7977 | Oct. 1919 | TRENCH, GILBERT MACKENZIE | Police Surveyor, New Scotlan Yard, S.W.1. |
| 3437 | A. Oct. 1898<br>F. Nov. 1901 | *§TRENT, WILLIAM EDWARD.. .. | 6, Broad Street Place, E.C. |
| 5047 | A. Oct. 1906<br>F. Nov. 1914 | *TRESIDDER, HENRY EDMUND .. | 12, Lansdowne Road, Falmouth. |
| 592 | A. Dec. 1880<br>F. Jan. 1891 | TROLLOPE, HENRY CHARLES .. | 45, Parliament Street, S.W.1. |
| 1131 | A. Mar. 1884<br>F. Aug. 1891 | TRUMPER, JOHN ALFRED .. .. | 27, Lincoln's Inn Fields, W.C. |
| 2040 | Mar. 1891 | TUBBS, WALTER BURNELL.. .. | 27, Barbican, E.C. |
| 2470 | A. Nov. 1891<br>F. Jan. 1896 | *TUCKETT, PERCIVAL FOX (*Member of Council*) .. | 2, Basinghall Street, E.C. |
| 8874 | Jan. 1922 | TUDOR, WILLIAM .. .. .. | 2, Wellington Place, Belfast. |
| 4818 | A. Oct. 1905<br>F. Apr. 1911 | *†TURNER, BENJAMIN GEORGE .. | Wingrove House, Walmer, Kent. |
| 7510 | Oct. 1914 | TURNER, DAVID NEVILLE .. .. | Walton Lodge, Chesterfield. |
| 6496 | Oct. 1912 | *TURNER, FRED WETHERELL .. | 32, Coton End, Warwick. |
| 8875 | Jan. 1922 | TURNER, GEORGE ELI .. .. | P.O. Box 15, Rondelosch, Cap Town, South Africa. |
| 8876 | Jan. 1922 | TURNER, HAMILTON HALL .. | 18, Queen Anne's Gate, Westminste S.W.1. |
| 5297 | A. Oct. 1907<br>F. June 1919 | *TURNER, HAROLD ERNEST .. .. | Union Chambers, Stamford Stree Ashton-under-Lyne. |
| 3601 | A. Oct. 1899<br>F. Apr. 1922 | *TURNER, HENRY .. .. .. | 121, Watling Street Road, Fulwoo near Preston. |
| 3909 | A. Oct. 1901<br>F. Oct. 1919 | TURNER, JABEZ TENNYSON .. | Works Department, H.M. Dockyar Portsmouth. |
| 1866 | Nov. 1890 | TURNER, JOSEPH HARLING, C.B.E. | Portland Estate Offices, Kilmarnock |

† Special Sanitary Science Diploma.

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|---|---|---|---|
| 4 | A. Nov. 1918<br>F. Nov. 1922 | *Turner, Leonard Cecil .. | Earl of Wilton's Estate, Radcliffe, Lancs. |
| 4 | A. May, 1887<br>F. Apr. 1922 | Turner, Percy .. .. .. | 1, Old Butter Market, Ipswich. |
| 0 | Dec. 1888 | Turner, Thomas Warner .. | Langwith Lodge, Mansfield, Notts. |
| 9 | A. Oct. 1912<br>F. Sep. 1919 | *Turpin, Wilfrid .. .. .. | 18, Eldon Square, Newcastle-on-Tyne. |
| 3 | Oct. 1904 | Turton, Fletcher Thomas .. | Hazel Bank, Huyton, Liverpool. |
| 7 | Oct. 1898 | *Tutt, Edwin Thomas .. .. | Market Place, Ampthill, Beds. |
| 7 | Jan. 1922 | Tyas, Frederick Chapman .. | 64, Streatham High Road, S.W.16. |
| 8 | A. Jan. 1890<br>F. Aug. 1893 | *Tyler, James William .. .. | 45, Holborn Viaduct, E.C. |
| 2 | A. Oct. 1899<br>F. Dec. 1905 | *Type, Marcus Oswald .. .. | 87, Edmund Street, Birmingham. |
| 5 | A. Feb. 1906<br>F. July 1920 | *Tyser, Grafton Leslie .. | 9, Ardwick Road, N.W.2. |
| 4 | A. Oct. 1910<br>F. Nov. 1922 | *Tyson, George Alfred .. .. | Whiteaway Buildings, Sixth Avenue, Nairobi, Kenya Colony. |
| 8 | Jan. 1922 | Underwood, William Ernest .. .. .. .. .. | 1, Northumberland Buildings, Bath. |
| 7 | A. Oct. 1900<br>F. July 1901 | *Upsdale, Andrew Reed .. .. | 738, Romford Road, Manor Park, Essex, and 11, Granville Road, Ilford, Essex. |
| 1 | Oct. 1914 | Vachell, Theodore .. .. .. | Tredegar Chambers, Newport, Mon. |
| 6 | A. Feb. 1889<br>F. June 1910 | *Vale, Henry .. .. .. .. | 16, Darlington Street, Wolverhampton, Staffs. |
| 3 | A. Oct. 1912<br>F. Oct. 1913 | *Varndell, Charles Edward, F.R.I.B.A. .. .. .. .. | 1, Whitehall, S.W.1. |
| 5 | Nov. 1918 | *Vaughan, James Henry, A.R.I.B.A. | Metropolitan Bank Chambers, Newport, Mon. |
| 4 | A. Oct. 1903<br>F. Apr. 1911 | *Veale, Louis Charles .. .. | Spencer House, South Place, E.C. |
| 0 | A. Oct. 1897<br>F. Dec. 1922 | *Veit, Leonard James .. .. | Westminster City Hall, Charing Cross Road, W.C.2. |
| 9 | A. Oct. 1906<br>F. June 1919 | *§Venning, Harry John, A.R.I.B.A. | 5, Bedford Row, W.C. |
| 9 | Feb. 1876 | *Vernon, Arthur (*Past-President*) | The Rockery, High Wycombe, Bucks, and 11, Queen Victoria Street, E.C. |
| 1 | A. Oct. 1905<br>F. June 1906 | *Vernon, Arthur Stanley .. | 41, High Street, High Wycombe, Bucks, and 11, Queen Victoria Street, E.C. |
| 4 | Oct. 1923 | Vernon, Henry Arthur .. | Pembroke Estate Office, 1, Wilton Place, Dublin. |

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|---|---|---|---|
| 2289 | Nov. 1891 | †Vernon-Inkpen, George Chas. | 40, Commercial Road, Portsmouth. |
| 2907 | Sep. 1895 | Verschoyle, William Henry Foster .. .. .. .. .. | Woodley, Dundrum, Co. Dublin. |
| 4084 | A. Oct. 1902 F. Nov. 1903 | *Vickers, Alfred Cranstoun .. | 13, Hildaville Drive, Westcliff-on-Se |
| 4285 | A. Oct. 1903 F. June 1910 | *Vigers, Astley Allan .. .. | 4, Frederick's Place, E.C. |
| 5798 | A. Oct. 1909 F. Apr. 1915 | *Vigers, Geoffrey Leslie.. .. | 4, Frederick's Place, E.C. |
| 498 | A. Jan. 1878 F. Oct. 1883 | Vigers, Leslie Robert (*Past-President*) .. .. .. .. .. | 4, Frederick's Place, E.C. |
| 1496 | Nov. 1888 | Villar, James .. .. .. .. | 2, Essex Place, Cheltenham. |
| 6086 | A. Oct. 1910 F. July 1918 | *Vine, Wilfrid Gordon .. .. | 6, George Street, Euston Road, N.W |
| 4822 | A. Oct. 1905 F. Feb. 1919 | *†Vining, Eric Leslie Randall | 97, Queen Street, Exeter. |
| 2994 | A. Oct. 1895 F. Dec. 1898 | *Vinten, Harold Bertram .. | 72, High Street, Ramsgate, Kent. |
| 4555 | A. Oct. 1904 F. Mar. 1920 | *Voyce, John .. .. .. .. | 3, Toleman Avenue, Lower Bebin ton, Cheshire. |
| 1601 | Mar. 1889 | Wacher, Thomas .. .. .. | Upper Bridge Street, Canterbury. |
| 3748 | A. Oct. 1900 F. June 1908 | *Wacher, Thomas Blake .. .. | 2, Upper Bridge Street, Canterbury |
| 8690 | A. Oct. 1921 F. Dec. 1922 | *Wade, Godfrey Newton .. | County Surveyor's Office, Coun Hall, Newport, Mon. |
| 6905 | A. Oct. 1912 F. Oct. 1913 | *Wade-Dalton, William Lechmere | Saltram Estate Office, 1, Buckla Terrace, Plymouth. |
| 8880 | Jan. 1922 | Waggett, Thomas Frederick William | 6, Carlton Chambers, 12, Rege Street, S.W. |
| 8879 | Jan. 1922 | Waghorn, Gilbert .. .. | 9, Adam Street, Adelphi, W.C.2. |
| 5549 | A. Oct. 1908 F. Dec. 1918 | *Wagstaff, Frederick Howard .. .. .. .. | 54, Gresham Street, E.C.2. |
| 1699 | A. Jan. 1890 F. Oct. 1910 | Wain, George Sparrow .. .. | Valuer's Office, 72, Clifden Roa Twickenham, Middlesex. |
| 843 | Dec. 1882 | Wainwright, Charles Rawlinson .. .. .. .. .. .. | Shepton Mallet, Somerset. |
| 8404 | Oct. 1921 | *Waite, Donald Mowbray | 15, Great Castle Street, Oxfo Street, W.1. |
| 5098 | Oct. 1907 | *Wakeford, Arthur James .. | 184, Clapham Road, S.W. |
| 8881 | Jan. 1922 | Walder, William Gaskin .. | "Wave Crest," Looe, Cornwall. |
| 8882 | Jan. 1922 | Walder, William Searcy .. | 74, Eccleston Square, Westminst S.W.1. |
| 2995 | A. Oct. 1895 F. June 1906 | *Waldram, Percy John .. .. | 81, Dean Street, Oxford Street, W and 27, Buckingham Gate, S.W. |
| 7512 | Oct. 1914 | Wales, Henry T. .. .. .. | Prudential Chambers, Castle Stre Swansea. |

† Special Sanitary Science Diploma.

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|---|---|---|
| A. Oct. 1906<br>F. Apr. 1913 | *WALFORD, EDWARD .. .. .. | Fieldcote, East Grinstead, Sussex. |
| A. Oct. 1911<br>F. May 1924 | *WALFORD, SIDNEY THOMAS .. | c/o Young & Gilling, Promenade, Cheltenham. |
| Oct. 1911 | WALKER, ALEXANDER, C.B.E. .. | 249, George Street, Glasgow. |
| Oct. 1921 | WALKER, GEORGE BROWN .. | 65, Bath Street, Glasgow. |
| A. Oct. 1913<br>F. June 1919 | *WALKER, GEORGE DUTTON .. | City Surveyor's Office, Town Hall, Manchester. |
| Feb. 1882 | WALKER, HERBERT, M.I.C.E., F.R.I.B.A. | 11, Argyle Road, Warbreck Hill, North Shore, Blackpool. |
| A. Feb. 1904<br>F. Jan. 1909 | *WALKER, HOWARD JAMES.. .. | 33A, King Street, Wigan, Lancs. |
| A. Oct. 1903<br>F. Oct. 1909 | *WALKER, JAMES WILLIAM BOYD | c/o Hong Kong & Shanghai Banking Corporation, P.O. Box 244, Kuala Lumpur, F.M.S. |
| Feb. 1899 | WALKER, JOHN .. .. .. .. | 74, Bath Street, Glasgow. |
| Mar. 1890 | WALKER, JOSHUA .. .. .. | Bridge Offices, Bridgegate, Retford, Notts. |
| A. Jan. 1896<br>F. Apr. 1923 | *§WALKER, WILLIAM SELVES .. | 22, Moorgate Street, E.C. |
| A. Oct. 1910<br>F. Nov. 1916 | *WALL, JOHN ERNEST .. .. | Northcote, Alexandra Road, Malvern. |
| Jan. 1922 | WALLACE, ANDREW LOGIE .. | 17, Park Avenue, Chelmsford. |
| Feb. 1899 | WALLACE, THOMAS DOUGLAS .. | Callendar Estate Office, Falkirk, N.B. |
| A. Oct. 1905<br>F. Sep. 1919 | *WALLER, HORACE .. .. .. | 7, Amersham Hill, High Wycombe, Bucks. |
| A. Dec. 1883<br>F. May 1897 | *WALLIS, JOHN DAVID (*Vice-President*) .. .. .. | Stanecliff, Disley, Cheshire. |
| Feb. 1915 | WALLWORK, JESSE .. .. .. | Bridgewater Offices, Walkden, Manchester. |
| A. Oct. 1909<br>F. Dec. 1919 | *WALMESLEY-COTHAM, IVAN .. | Weld-Blundell Estates Office, Birkdale, Southport. |
| Mar. 1891 | WALMISLEY, JOSEPH WILLIAM, F.R.I.B.A. .. .. .. .. .. | 7, King's Terrace, Southsea, Hants. |
| Feb. 1898 | WALMSLEY, ARTHUR TINDAL, MAJOR .. .. .. .. .. | 5, Osborne Villas, Stoke, Devonport. |
| A. Oct. 1900<br>F. Sep. 1904 | *WALSH, FREDERICK LEOPOLD MORFEE, CAPT. | Garrick Chambers, Garrick Street, W.C.2. |
| A. Oct. 1904<br>F. Dec. 1920 | *WALSH, FREDERICK WILLIAM | 18, Shoot-up Hill, Hampstead, N.W. |
| Oct. 1908 | *WALSH, JOSEPH FREDERICK .. | Museum Chambers, Halifax. |
| A. Oct. 1900<br>F. Dec. 1902 | *WALTER, THOMAS JAMES .. .. | Gervis Place, Bournemouth. |
| Oct. 1919 | WALTERS, THE RIGHT HON. SIR JOHN TUDOR.. .. .. .. | 6, Hobart Place, S.W.1. |
| A. Oct. 1913<br>F. July 1921 | *WALTON, ARTHUR ATKINSON | Exchange Walk, Nottingham. |
| A. Oct. 1910<br>F. June 1915 | *WAPSHOTT, FRANCIS ELLISS .. | Netherlands, Sevenoaks. |
| A. Feb. 1913<br>F. Apr. 1920 | *WARD, ALEXANDER HENRY .. | Cumerrew, Yelverton R.S.O., Devon. |

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|---|---|---|---|
| 8884 | Jan. 1922 | WARD, CHRISTOPHER JAMES .. | Cefn Mably Chambers, 9, Quay St Cardiff. |
| 1407 | Dec. 1887 | WARD, DANIEL .. .. .. .. | 12, Abbeymead, Tavistock, Devo |
| 1469 | Mar. 1888 | WARD, FRANK .. .. .. .. | Burnville, Tavistock, North Devon |
| 7628 | A. Oct. 1915<br>F. Sep. 1919 | *WARD, HARRY BERNARD .. | Commerce Chambers, 15, Lord St Liverpool. |
| 3911 | A. Oct. 1901<br>F. Nov. 1902 | *†WARD, HENRY PAYNE .. .. | "Burleigh," Reigate Road, Re Surrey. |
| 8885 | Jan. 1922 | WARD, JOHN CHARLES .. .. | 2, New Court, Carey Street, W.C. |
| 5053 | A. Oct. 1906<br>F. Nov. 1912 | *WARD, REGINALD CHARLES .. | 23, Princes Street, Ipswich. |
| 7482 | Oct. 1914 | WARD, WILLIAM JAMES .. .. | Valuation Branch, Ministry of Fi 113, Royal Avenue, Belfast. |
| 8886 | Jan. 1922 | WARE, EDMUND .. .. .. | 43, Imperial Buildings, 20, Exch Street East, Liverpool. |
| 7559 | Oct. 1915 | WARE, WILLIAM .. .. .. .. | 6, Pembroke Terrace, Cardiff. |
| 3603 | A. Oct. 1899<br>F. July 1901 | *§WARMINGTON, HERBERT ANDREW CROMARTIE | 1, Dover Street, Piccadilly, W., Grange Estate Office, Alres Hampshire. |
| 5855 | Oct. 1910 | *WARR, GEORGE WALTER .. .. | Town Hall, Southwick, Sussex. |
| 3282 | A. Oct. 1897 | WARWICK, GEORGE ERNEST .. | Waring Street, Belfast. |
| 3946 | F. Oct. 1902 | | |
| 7728 | A. Oct. 1917<br>F. Nov. 1924 | *WASTELL, CHARLES HEDLEY .. | 4, College Street, Swansea. |
| 4558 | A. Oct. 1904<br>F. July 1907 | *WATERMAN, BERTIE EDWARD .. | Elm Cottage, Oakfield Lane, B ford, Kent. |
| 3752 | A. Oct 1900<br>F. July 1921 | *WATERS, FRANK .. .. .. | 30, Cattle Market Street, Norw |
| 5856 | Oct. 1910 | *WATERS, FREDERICK EBENEZER | Secretary's Office, G.P.O., E.C. |
| 4824 | A. Oct. 1905<br>F. Nov. 1913 | *WATKINS, HAROLD ALFRED .. | Roseville, Princes Road, Weybr |
| 8365 | Oct. 1921 | WATKINS, JOHN HUGH .. .. | 13, Gray's Inn Square, W.C.1. |
| 1101 | A. Feb. 1884<br>F. Mar. 1889 | WATKINS, ROBERT ARUNDEL .. | |
| 6412 | A. Oct. 1911<br>F. Mar. 1920 | *WATKINSON, HAROLD EDWARD | 9, Hemdean Rise, Caversha Reading. |
| 6459 | Oct. 1912 | WATNEY, ARTHUR GORDON .. | 4A, Frederick's Place, E.C. |
| 1957 | Jan. 1891 | WATNEY, DENDY (*Vice-President*) .. | 4A, Frederick's Place, E.C. |
| 951 | A. May 1883<br>F. Feb. 1887 | WATNEY, WALTER DANIEL .. | 13, Redhill, Chislehurst, Kent. |
| 6413 | A. Oct. 1911<br>F. June 1914 | *WATSON, CHARLES EDWARD .. | 17, Sussex Gardens, Eastbourn |
| 6094 | A. Oct. 1910<br>F. Oct. 1914 | *WATSON, CHARLES HAVERS .. | 366, Streatham High Road, S.W |
| 3604 | A. Oct. 1899<br>F. May 1905 | *WATSON, DAVID ALEXANDER .. | The Estate Office, Watlin Oxford. |
| 4559 | A. Oct. 1904<br>F. Dec. 1905 | *WATSON, ERNEST .. .. .. | 15, Lower Grosvenor Place, S.W. |
| 7434 | A. Oct. 1913<br>F. Apr. 1921 | *WATSON, FREDERICK PERCY | 5, Hereford Road, Westbourne G W.2. |

† Special Sanitary Science Diploma.

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|---|---|---|
| A. Oct. 1895<br>F. Nov. 1899 | *§WATSON, HERBERT JOHN .. | 6, Lendal, York. |
| A. Dec. 1884<br>F. Sep. 1895 | *WATSON, JAMES BRUCE .. .. | Petworth, Sussex. |
| Nov. 1891 | WATSON, JOHN, M.B.E. .. .. | Cogan Chambers, Bowlalley Lane, Hull. |
| A. Dec. 1885<br>F. May 1894 | *WATSON, JOHN, M.B.E. .. .. | Valuation Office, W. Riding Division, 29, Manor Row, Bradford. |
| Oct. 1915 | *WATT, JAMES, A.M.I.C.E... .. | 75, Union Street, Aberdeen. |
| A. Oct. 1912<br>F. Dec. 1921 | *WATTS, DAVID CHRISTOPHER .. | West House, Cowbridge, Glam. |
| A. Oct. 1908<br>F. Feb. 1918 | *WATTS, ERNEST WILLIAM.. .. | Chairman, Manitoba Tax Commission, Parliament Buildings, Winnipeg, Canada. |
| Dec. 1889 | WAY, HENRY JAMES .. .. | 109, Lower St. James' Street, Newport, Isle of Wight. |
| A. Oct. 1907<br>F. July 1919 | *WAY, LIONEL HUGH .. .. .. | 82, Ruskin Chambers, 191, Corporation Street, Birmingham. |
| A. Oct. 1904<br>F. June 1914 | *WAYMOUTH, JOHN KENNERLEY | 41, High Street, Southend-on-Sea, Essex. |
| A. Oct. 1898<br>F. Jan. 1904 | *WEALL, JOHN GRAHAM .. .. | 38, High Street, Watford, Hertfordshire. |
| A. Nov. 1892<br>F. June 1911 | *WEATHERHEAD, DAVID WILKINSON | Lowlands, Utley, Keighley, Yorkshire. |
| A. Oct. 1900<br>F. Sep. 1902 | *WEATHERILL, GEORGE FORD .. | Valuation Office, Victoria Avenue, Harrogate. |
| A. Oct. 1906<br>F. Apr. 1911 | *WEBB, CLARENCE ALBERT.. .. | District Valuer's Office, Duke Street, Wrexham. |
| A. Oct. 1912<br>F. Nov. 1922 | WEBB, REGINALD ACHESON .. | Town Engineer, P.O. Box 466, Lagos, Nigeria. |
| Jan. 1922 | WEBB, WALTER WILLIAM .. | 14, Temple Street, Birmingham. |
| Feb. 1890 | WEBB, WILLIAM .. .. .. .. | "Moorside," Ashley Heath, near Ringwood, Hants. |
| A. Oct. 1899<br>F. Nov. 1903 | *WEBBER, HENRY STANTON .. | 28, Watling Street, E.C. |
| A. Oct. 1904<br>F. June 1906 | *WEBBER, WILLIAM HENRY .. | 33, Furnival Street, Holborn, W.C. |
| A. Oct. 1912<br>F. Dec. 1919 | *WEBSTER, FRANK COUTTS, O.B.E. | Board of Control, 66, Victoria Street, S.W.1. |
| Jan. 1922 | WEBSTER, GEORGE ARTHUR .. | 5, Verulam Buildings, Gray's Inn, W.C.1. |
| A. Nov. 1890<br>F. Feb. 1897 | *WEBSTER, HUGH CALTHROP .. | 2, Basinghall Street, E.C. |
| Oct. 1917 | WEEKES, NORMAN BARNETT, A.R.I.B.A. | City Surveyor, Town Hall, Sydney, N.S.W. |
| Jan. 1922 | WEEKS, ALFRED HENRY.. .. | 35, Commercial Street, Newport, Mon. |
| A. Oct. 1907<br>F. June 1919 | *§WEETMAN, WILLIAM CHARLES CUMMING | Estate Office, Osberton, Worksop, Notts. |
| A. Oct. 1902<br>F. Dec. 1910 | *WELLS ARTHUR HARVEY .. .. | 8, Stafford Street, Derby. |

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|---|---|---|---|
| 2553 | A. Nov. 1892<br>F. Oct. 1896 | *WELLS, SIR WILLIAM HENRY .. | 116, Kensington High Street, W. |
| 2914 | Sep 1895 | WELPLY, JAMES .. .. .. .. | 65, George Street, Limerick. |
| 3442 | A. Oct. 1898<br>F. Dec. 1902 | *WELSH, HUGH .. .. .. .. | Willey Estate Office, Broseley, Shr shire. |
| 3152 | Feb. 1897 | WENBORN, SIDNEY THOMAS, LT.-COL., S.R.E.S. .. .. .. | 102, Watergate Street, Chester. |
| 3913 | A. Oct. 1901<br>F. Apr. 1913 | *WEST, ARTHUR SMITH .. .. | 7, Haywra Crescent, Harrogate. |
| 2615 | A. Oct. 1893<br>F. Sep. 1895 | *WEST, CHARLES HENRY EDWARD, F.R.G.S. | 9, Portman Street, Portman Squ W.1. |
| 3607 | A. Oct. 1899<br>F. Dec. 1901 | *WEST, HERBERT JAMES .. .. | 17, York Place, W.1. |
| 8333 | A. Oct. 1920<br>F. July 1921 | *WESTLAKE, WILLIAM JOHN WALTER | Clifden House, Brentwood, Midd sex. |
| 4349 | Oct 1904 | *WESTON, FRANCIS, F.S.A. .. .. | 322, Brixton Road, S.W. |
| 2045 | Mar. 1891 | WETHERALL, HARRY LANCASTER | Highway, Hartley Wintney, Bas stoke. |
| 8891 | Jan. 1922 | WEVILL, ALFRED EDWARD .. | P.O. Box, 17, Nairobi, Kenya Col British East Africa. |
| 3756 | A. Oct. 1900<br>F. Jan. 1907 | *WHATLEY, ERNEST JAMES.. .. | Bromley House, High Street, Bro Kent. |
| 3139 | A. Oct 1896<br>F. May 1900 | *WHEATLEY, STEPHEN GLADSTANE | Park Estate Office, Orchard Ave Parkstone, Dorset. |
| 7630 | A. Oct. 1915<br>F. Apr. 1924 | *WHEELER, ERNEST BOSTOCK .. | Eaton Chambers, 60, Bucking Palace Road, S.W.1. |
| 2554 | A. Nov. 1892<br>F. June 1897 | *WHEELER, JOHN HENRY WEST.. | 1, Sydney Street, S.W.3, and 4, wood Road, S.W.6. |
| 3757 | A. Oct. 1900<br>F. May 1914 | *‡§WHELDON, MARTIN LOWISH .. | 5, Coney Street, York |
| 4564 | A. Oct. 1904<br>F. Oct. 1913 | *WHIDDINGTON, STANLEY DUNFORD | 61, Berners Street, Oxford Street |
| 6099 | A. Oct. 1910<br>F. Oct. 1911 | *WHINNERAH, WILLIAM .. .. | c/o Thos. Fair and Son, Estate O Lytham, Lancs. |
| 5554 | A. Oct. 1908<br>F. Oct. 1910 | *WHIPP, THOMAS WILLIAM.. .. | 15, Valley Bridge Parade, Scarbor |
| 2616 | A. Oct. 1893<br>F. Oct. 1897 | *WHITAKER, ERNEST VICTOR .. | 38, Cavendish Mansions, Mill L West Hampstead, N.W. |
| 8120 | Oct. 1920 | *WHITAKER, FREDERICK ARCHIBALD .. .. .. .. | 25, Victoria Street, S.W.1. |
| 4089 | A Oct. 1902<br>F. Sep. 1919 | *WHITAKER, HUGH .. .. .. | Valuation Office, 8, Stafford St Derby. |
| 3758 | A. Oct. 1900<br>F. Sep. 1904 | *WHITE, BENJAMIN WILLIAM .. | Finsbury Court, Finsbury Sq E.C.2. |
| 8892 | Jan. 1922 | WHITE, EVERARD, LIEUT.-COL., M.C. | The Rhodes Building, St. Geo Street, Cape Town, South Af |
| 8334 | A. Oct. 1920<br>F. Oct. 1924 | *WHITE, JOHN .. .. .. .. | Ivy Bank, Elgin. |
| 6416 | A. Oct. 1911<br>F. July 1922 | *WHITE, JOHN, JUN.. .. .. | 9, Millbrae Crescent, Langside, gow. |

‡ Special Forestry Diploma.

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|---|---|---|
| A. Oct. 1905<br>F. Mar. 1920 | *WHITE, JOHN WILLIAM EDDEN | 9, Tonbridge Road, Maidstone. |
| Sep. 1895 | WHITE, RICHARD.. .. .. .. | Estate Office, Gowran, Co. Kilkenny. |
| A. Oct. 1911<br>F. June 1915 | *WHITE, SAMUEL CYRIL .. .. | Yelverton Chambers, Yelverton Road, Bournemouth. |
| Nov. 1922 | *WHITE, WALLACE .. .. .. | c/o Railton & Knowles, 86, Cross Street, Manchester. |
| A. Oct. 1895<br>F. Apr. 190[illegible] | *WHITE, WALTER ERNEST COATES | Arcade Chambers, Friar Street, Reading. |
| Jan. 1882 | WHITELEY, CHARLES PERRY .. | 52 & 53, Cheapside, E.C. |
| A. Oct. 1899<br>F. Dec. 1921 | *WHITELEY, CYPRIAN CHARLES OSWALD, CAPT., O.B.E. .. | 52 & 53, Cheapside, E.C. |
| A. Oct. 1912<br>F. Feb. 1919 | *WHITFIELD, THOMAS WARD, F.G.S. .. .. .. .. .. | Polebarn House, Trowbridge, Wilts. |
| A. Feb. 1908<br>F. Apr. 1914 | *WHITLOCK, FRANCIS JOHN.. .. | Bank Street, Rugby. |
| A. Oc[illegible]<br>F. July 1902 | *WHITTEN, GEORGE JACKSON, M.B.E. .. .. .. .. .. | 18, Hopton Road, Streatham, S.W.16. |
| A. Oct. 1895<br>F. Nov. 1900 | *WHITTON, PERCY.. .. .. .. | 20, Queen Street, Exeter. |
| A. Oct. 1907<br>F. July 1921 | *WHYTE, THOMAS .. .. .. | 36, North Lindsay Street, Dundee. |
| Oct. 1923 | WICKHAM, EDMUND LOFTUS .. | 5, Glenworth Street, Limerick. |
| Jan. 1922 | WICKSTEED, ARCHIE FREDERIC | 8, Old Jewry, E.C. |
| A. Oct. 1901<br>F. Oct. 190[illegible] | *§WIDDICOMBE, CHARLES EDWIN | Valuation Department, King's Lynn, Norfolk. |
| A. Oct. 1907<br>F. Oct. 1921 | WIDDOWSON, GEORGE CLIFFORD | H.M. Office of Works, S.W.1. |
| A. Oct. 1905<br>F June 1919 | *WIGHTMAN, WILLIAM OSBORNE | District Valuer's Office, Reigate H Road, Reigate. |
| A. Oct. 1899<br>F. Feb. 1904 | *WIGLEY, SIDNEY PRUDDEN .. | Winslow, Buckinghamshire. |
| A. Feb. 1870<br>F. Nov. 1876 | WIGRAM, JOHN .. .. .. .. | South Collingham, Newark, Notts. |
| A. Oct. 189[illegible]<br>F. Oct. 1899 | *WIGRAM, REGINALD SPENCER .. | Weybourne, Stoke Road, Cobham, Surrey. |
| Feb. 1892 | WILBRAHAM, EDWARD SIDNEY.. | Standerwick Court, Frome, Somerset. |
| A. Jan. 1896<br>F Apr. 1922 | *WILDE, SIDNEY ALGERNON .. | 29, Fleet Street, E.C.4. |
| Oct. 1911 | *WILDING, JAMES .. .. .. | Town Hall, Runcorn, Cheshire. |
| Jan. 1922 | WILDMAN, JOHN TOM ROBINSON | 189, Regent Street, W.1. |
| A. Oct. 1901<br>F. May 1910 | *WILFORD, CECIL MARSHALL .. | Cathedral Chambers, Castle Street, Carlisle. |
| A. Oct. 1911<br>F. July 1920 | *WILKINSON, ANDREW WOOD .. | Valuation Dept., Inland Revenue, Taunton. |
| Dec. 1884 | WILKINSON, THOMAS .. .. .. | 170, North Street, Brighton, and 30A, Western Road, Hove. |
| A. Oct. 1902<br>F. Nov. 1913 | *WILKS, CLEMENT .. .. .. | 101, Jermyn Street, St. James's S.W.1. |
| A. Oct. 1913<br>F. Oct. 1924 | *WILKS, MARK .. .. .. | c/o J. R. Eve & Son, 2 & 3, The Sanctuary, S.W.1 |

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|---|---|---|---|
| 8338 | A. Oct. 1920<br>F. July 1921 | *WILLEY, FREDERICK, F.R.I.B.A | 34, Old Elvet, Durham. |
| 3610 | A. Oct. 1899<br>F. Jan. 1905 | *WILLIAMS, ARTHUR CODRINGTON | Estate Office, Kemble House, Cire cester. |
| 6928 | A. Oct 1912<br>F. Dec. 1920 | *WILLIAMS, CHARLES BERNARD, CAPT., M.C. .. .. .. .. | Salop House, Oswestry, Shropshi |
| 7718 | Oct. 1917 | *WILLIAMS, DAVID JOHN .. .. | Ty Newydd, Garn Dolbenmaen Carnarvonshire. |
| 2435 | Nov. 1891 | WILLIAMS, GERALD GARNONS .. | Aberclydach, Talybont-on-Usk, Breconshire. |
| 4315 | A. Feb. 1904<br>F. May 1910 | *§WILLIAMS, HAROLD, O.B.E. .. | 43 and 45, High Street, Croydon, a 49, Chancery Lane, W.C.2. |
| 7968 | A. Nov. 1918<br>F. Oct. 1923 | *WILLIAMS, HAROLD CEDRIC .. | 72, Victoria Road, Birkenhead. |
| 8897 | Jan. 1922 | WILLIAMS, JOHN LEWIS .. .. | 47, Temple Row, Birmingham |
| 7449 | A. Oct. 1913<br>F. Feb. 1919 | *WILLIAMS, JOSEPH .. .. .. | 10 & 12, Market Street, Carnarvo N. Wales. |
| 568 | A. Jan. 1880<br>F. Apr. 1888 | WILLIAMS, WILLIAM HERBERT.. | Bredward, Burnham, Bucks. |
| 6631 | A. Oct. 1912<br>F. Nov. 1922 | *WILLIAMSON, EDWIN LAWRENCE | 207, Union Street, Aberdeen. |
| 8931 | Nov. 1922 | WILLIAMSON, HENRY BURCOMBE | 51, Cromwell Road, Beckenham, K and H.M. Office of Works, Sto Gate, S.W.1 |
| 2617 | A. Oct. 1893<br>F. Feb. 1897 | *WILLIS, EDWARD, M.I.C.E. M.I.M.E. | Engineer and Surveyor's Departme Town Hall, Chiswick, W. (Mi dlesex). |
| 2917 | Sep. 1895 | WILLIS, GILBERT DE LAVAL .. | Leconfield Estates Office, Ennis Co. Clare. |
| 807 | A. Apr. 1882<br>F. May 1887 | WILLMOT, JOHN (*Past-President*) | 6, Waterloo Street, Birmingham. |
| 1083 | A. Jan. 1884<br>F. Apr. 1924 | WILLOUGHBY, CHARLES WILLIAM .. .. .. .. | 22, Chancery Lane, W.C.2. |
| 3918 | A. Oct. 1901<br>F. Nov. 1912 | *WILSON, EVERARD JOHN . .. | Messrs. Tuckett & Son, 2, Basingh Street, E.C. |
| 3445 | A. Oct. 1898<br>F. Oct. 1899 | *WILSON, FREDERICK ROBERT .. | Bramley Cottage, Station Aven Walton-on-Thames. |
| 6935 | A Oct. 1912<br>F. Feb. 1918 | *§WILSON, JOHN HENRY .. .. | 4, King Street, Blackburn. |
| 3141 | A. Oct. 1896<br>F. Jan. 1899 | *WILSON, LAWRENCE RICHARD .. | Bank of England Chambers, Tib La Manchester. |
| 5808 | A. Oct. 1909<br>F. Dec. 1918 | *WILSON, MALCOLM MILLAR .. | 8, St. Paul's Square, Bedford. |
| 1449 | A. Jan. 1888<br>F. Feb. 1904 | *WILSON, WILLIAM EDWARD .. | Land Valuation Office, 78, King Stre Manchester. |
| 8121 | Oct. 1920 | *WILSON, WILLIAM EDWIN .. | Roselea, First Avenue, Lacely Roa Grimsby. |
| 1962 | Jan. 1891 | WILSON, WILLIAM HENRY .. | 5, New Brown Street, Manchester. |
| 5059 | A. Oct. 1906<br>F. July 1912 | *WINDER, FRANCIS ARNOLD .. | Corn Exchange Chambers, Sheffield. |

| Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|
| A. Oct. 1923<br>F. Oct. 1924 | *WINSTANLEY, THOMAS .. .. | 90, Deansgate, Manchester. |
| Jan. 1891 | WINTERTON, HARRY JOHN CAMPION (*Member of Council*) .. | St. Mary's Chambers, Lichfield, Staffordshire. |
| Jan. 1891 | WINTERTON, WILLIAM MOXON.. | The Orchard, Barton-under-Needwood, Staffs. |
| Nov. 1891 | WISE, CHARLES DACRES .. .. | P.O. Box 583, Salisbury, Rhodesia, S. Africa. |
| A. Oct. 1908<br>F. Apr. 1916 | *WISE, FREDERICK JOHN .. | 21A, High Street, Banbury, Oxon. |
| A. Oct. 1899<br>F. Oct. 1911 | *WITHAM, JAMES BERNARD .. | Valuation Dept., County Court Buildings, Church Passage, Oldham. |
| A. Oct. 1898<br>F. Jan. 1906 | *WONTNER-SMITH, PERCY .. .. | Valuers' Office, 29, Romford Road, Stratford, E. (Essex). |
| A. Oct. 1906<br>F. Mar. 1909 | *WOOD, DOUGLAS, A.R.I.B.A. .. | 35, Craven Street, Strand, W.C.2, and The Cottage, Gordon Avenue, Stanmore, Middlesex. |
| A. Oct. 1904<br>F. Apr. 1913 | *WOOD, HAROLD .. .. .. .. | 4, South St. Mary's Gate, Grimsby, Lincs. |
| Oct. 1921 | WOOD, HUGH MORRISON .. | 18, Ormiston Crescent, Knock, Belfast. |
| Oct. 1912 | WOOD, HUGH REGINALD .. .. | c/o Mrs. Harrison, Penllyne, Cowbridge, Glam. |
| Mar. 1888 | WOOD, JOHN DANIEL .. .. .. | 6, Mount Street, W. |
| A. Feb. 1898<br>F. May 1905 | *WOOD, JOHN EDWARD .. .. | 3, Baronsfield Road, St. Margarets-on-Thames, Middlesex. |
| A. Oct. 1910<br>F. Nov. 1916 | *WOOD, LEONARD .. .. .. | 4, South St. Mary's Gate, Grimsby. |
| A. Oct. 1894<br>F. Apr. 1901 | *‡§WOOD, LESLIE STUART .. .. | East Grinstead, Sussex. |
| Jan. 1922 | WOOD, ROBERT .. .. .. | Sandcroft, Purley Oaks Road, Sanderstead, Surrey. |
| Oct. 1905 | *WOODCOCK, ROBERT FRANK .. | c/o Superintending Valuer, 51, Queen Street, Exeter. |
| Oct. 1923 | WOODESON, AUSTIN, F.R.I.B.A. | Public Works Department, Colombo, Ceylon. |
| A. Oct. 1904<br>F. Dec. 1915 | *WOODHAMS, JAMES PERCY .. | 27, High Street, Battle, Sussex. |
| A. Oct. 1898<br>F. Apr. 1901 | *WOOD-MARTIN, HENRY ROGER BROMHEAD .. .. .. .. | Cleveragh, Sligo. |
| A. Nov. 1892<br>F. Sep. 1895 | *WOODS, ARTHUR GEORGE .. .. | 196, High Street, Hounslow, Middlesex. |
| May 1891 | WOODS, THOMAS.. .. .. .. | 4 and 5, Church Parade, Hounslow, Middlesex. |
| A. Oct. 1905<br>F. May 1917 | *WOODWARD, HENRY GORDON .. | Station Road, Stowmarket, Suffolk. |
| A. Jan. 1882<br>F. Apr. 1890 | WOODWARD, WM., F.R.I.B.A. .. | 15, Great James' Street, Bedford Row, W.C.1. |
| A. Oct. 1897<br>F. Oct. 1898 | *WOOF, ROBERT STEPHENSON .. | Lowther, Penrith. |
| A. Oct. 1912<br>F. Oct. 1924 | WOOLLASTON, THOMAS WILLIAM .. .. .. .. | Glenside, Davenport Road, Tettenhall, Staffs. |

‡ Special Forestry Diploma.

| Dip. No. | Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|---|
| 7632 | A. Oct. 1915<br>F. Oct. 1920 | *Woolley, John Stanley .. | The Castle Auction Mart, Salisbur |
| 2049 | Mar. 1891 | Woolley, John Turton .. .. | Spursholt, Romsey, Hampshire, and T Castle Auction Mart, Salisbury. |
| 5811 | A. Oct. 1909<br>F. June 1914 | *Woolley, Maurice Theodore | Rectory Place, Loughborough. |
| 5812 | A. Oct. 1909<br>F. Feb. 1918 | *Woolley, Reginald George | W.D. Land Agents Office, Millda Barracks, Portsea, Hampshire. |
| 613 | Feb. 1881 | Woolley, Reginald Smith .. | 12, Minster Yard, Lincoln, and Sou Collingham, Newark, Notts. |
| 5813 | A. Oct. 1909<br>F. June 1915 | *Woolley, Richard Melsome .. | Salisbury. |
| 7542 | A. Oct. 1914<br>F. July 1921 | *Woosnam, Ralph William .. | Tyn-y-Graig, Builth Wells, R.S.C Breconshire. |
| 6428 | A. Oct. 1911<br>F. Apr. 1920 | *Wootton, Thomas Sydney Lewis .. .. .. .. .. | 24 Lime Street, E.C. |
| 5315 | A. Oct. 1907<br>F. May 1917 | *Wormleighton, Bernard Joseph | Surveyor's Office, Town Hall, Her Bay, Kent. |
| 5614 | Oct. 1909 | *Worrall, Ernest, M.I.C.E. .. | Stretford Council Offices, Old Traffo Lancashire. |
| 7461 | A. Oct. 1913<br>F. Dec. 1920 | *Worrall, Joseph Ratcliffe | Estate Dept., L.M. & S. Rly., Euston Grove, Euston Station. |
| 8899 | Jan. 1922 | Worthy, Michael John .. | 15, Lord Street, Liverpool. |
| 5062 | A. Oct. 1906<br>F. July 1920 | *§Wraight, George Frederick Harold | District Valuer's Office, 38, Lan downe Road, Tottenham, N. (Middlesex). |
| 680 | A. Dec. 1881<br>F. Jan. 1887 | Wreathall, Robert T. .. .. | 13, Victoria Street, Westminst S.W.1., and 1, Sudbury Para Sudbury, N.W. (Middlesex). |
| 4297 | A. Oct. 1903<br>F. Feb. 1919 | *Wright, Charles Lee .. .. | 21, Cathedral Yard, Exeter. |
| 2442 | Nov. 1891 | Wright, Charles William, M.A. (*Cantab.*) .. .. .. .. .. | 21, Parkinson Street, Nottingham. |
| 4574 | A. Oct. 1904<br>F. June 1912 | *Wright, Ernest Harry.. .. | 9, Thomas Street, Woolwich, Kent |
| 4889 | Oct. 1906 | *Wright, Herbert Alfred .. | 35, Pentonville Road, N. |
| 5063 | A. Oct. 1906<br>F. Nov. 1908 | *Wright, Isaac Thomas .. .. | 61, West Bank Road, Devonshire Pa Birkenhead |
| 7634 | A. Oct. 1915<br>F. Mar. 1920 | *Wright, Samuel Ware .. | 97, Lichfield Road, Great Yarmou Norfolk. |
| 292 | Dec 1872 | Wright, William Edward .. | King's Lynn, Norfolk. |
| 5316 | A. Oct. 1907<br>F. Nov. 1913 | *Wright, William Newcome .. | 38, Poultry, Cheapside, E.C. |
| 2726 | A. Oct. 1894<br>F. Dec. 1902 | *Wyatt, Archibald, Lieut., Col., O.B.E., D.L. .. .. .. | East Lodge, Fareham, Hampshire. |
| 3448 | A. Oct. 1898<br>F. July 1901 | *Wyatt, Herbert Guy Buckell | East Street, Chichester, Sussex. |
| 722 | Jan. 1882 | Wyatt, Oliver Newman.. .. | East Street, Chichester, Sussex. |
| 2620 | A. Oct. 1893<br>F. Nov. 1895 | *Wyles, John Walter .. .. | Finsbury Circus House, 10, Blo field Street, E.C. |
| 3924 | A. Oct. 1901<br>F. Nov. 1912 | *Wyley, Henry Charles.. .. | Newmarket Buildings, Bridgnorth, Sa |

| Date of Election and of Transfer. | FELLOWS. | Address. |
|---|---|---|
| Mar. 1884 | WYLEY, HENRY JAMES .. .. | "Abbeycote," Pershore, Worcestershire. |
| Jan. 1922 | WYLIE, ERNEST AVERY .. .. | 16-17, Devonshire Square, E.C.2. |
| Oct. 1913 | *YALE, GEORGE FREDERICK CUNNINGHAM .. .. .. .. | Estate Office, Pwllheli, N. Wales. |
| A. Oct. 1911<br>F. Dec. 1921 | *YATES, CHARLES WILLIAM, A.R.I.B.A., M.S.A. .. .. | 65, Northgate Street, Gloucester. |
| Nov. 1891 | YORK, HENRY .. .. .. .. | East Barnet Valley Urban District Council, Station Road, New Barnet, Herts. |
| A. Oct. 1911<br>F. Dec. 1917 | *YOUNG, ALEXANDER .. .. .. | 13, Shandon Street, Edinburgh. |
| A. Oct. 1903<br>F. Apr. 1911 | *YOUNG, CHARLES ALEXANDER .. | 69, Coleman Street, E.C. |
| A. Oct. 1904<br>F. Apr. 1913 | *YOUNG, CHARLES EDWARD .. | East Street, Barking, Essex. |
| May 1890 | YOUNG, DOUGLAS .. .. .. | 69, Coleman Street, E.C. |
| Oct. 1921 | *YOUNG, ERNEST ALEXANDER | District Surveyor, 155 Rushey Green, S.E.6. |
| Sep. 1895 | YOUNG, GEORGE LAWRENCE .. | Randalstown, Co. Antrim. |
| Oct. 1920 | YOUNG, HAROLD .. .. .. | Air Ministry, Works and Building Dept., R.A.F., Andover, Hants. |
| Feb. 1908 | YOUNG, HENRY STEPHEN MATTHEWS .. .. .. .. .. | Heathfield, Irvine, Ayrshire. |
| A. Oct. 1905<br>F. July 1922 | *YOUNG, HERBERT HENRY .. | 11, Tankerville Road, Streatham, S.W. |
| A. Oct. 1902<br>F. Oct. 1910 | *YOUNG, HERBERT OSWALD .. | District Valuer's Office, Greek Street Chambers, Park Row, Leeds. |
| Oct. 1915 | YOUNG, JAMES .. .. .. .. | 62, Market Street, Bradford. |
| A. Oct. 1900<br>F. Oct. 1914 | *YOUNG, KENNETH JAMES .. .. | 1, Imperial Buildings, Croydon. |
| A. Dec. 1878<br>F. Feb. 1891 | YOUNG, MORGAN HENRY .. .. | 17, Southampton St., Bloomsbury Square, W.C. |
| Nov. 1891 | YOUNG, OSWALD WILLIAM.. .. | 6, Dale Street, Liverpool. |
| Oct. 1923 | YOUNG, ROBERT CHICHESTER | Millimount, Randalstown, Co. Antrim. |
| A. Oct. 1905<br>F. July 1921 | *YOUNG, SIDNEY .. .. .. | 1, Keymer Road, Burgess Hill, Sussex. |
| Oct. 1921 | YOUNG, SIDNEY MICHAEL . | 104, High Holborn, W.C.1. |
| Nov. 1891 | YOUNG, THOMAS .. .. .. .. | 6, Warwick Court, Gray's Inn, W.C. |
| A. Oct. 1906<br>F. Nov. 1916 | *YOUNG, THOMAS, M.B.E., N.D.A. | Edinburgh and East of Scotland College of Agriculture, 13, George Square, Edinburgh. |
| A. Oct. 1897<br>F. Feb. 1900 | *YOUNG, THOMAS JOHN .. .. | Harper-Adams College, Newport, Salop. |
| A. Oct. 1913<br>F. Mar. 1920 | *YOUNG, WILLIAM GEORGE .. | 13, Branksome Road, Wimbledon, S.W. (Surrey). |

Total Number of Fellows, 2,579, carried to Summary, p. 237.

# Colonial Fellows.

The names of those Colonial Fellows who have qualified by Examination for the Class of Professional Associate are distinguished thus *

The names of those Colonial Fellows who have qualified by Examination for the Class of Fellows are distinguished thus ¶

| Dip. No. | Date of Election. | COLONIAL FELLOWS. | Address. |
|---|---|---|---|
| 5824 | Oct. 1907 | ABRAHAMS, CHARLES VICTOR | Office of Manager, Fitchfield Trust, Port Antonio, Jamaica, B.W.I. |
| 3939 | Feb. 1902 | ALLEN, RAYMOND CECIL, C.M.G., A.M.I.C.E. | c/o Gordon Allen, 30, York Mansions, Battersea Park, S.W.11. |
| 3781 | A. Oct. 1901<br>C.F. Apr. 1908 | *ANDERSON, HENRY, A.M.I.C.E. | Maritima Hotel, la Plage d'Hyères (Var), Cote d'Azur. |
| 5862 | A. Oct. 1910<br>C.F. Mar. 1920 | ANNETT, ERNEST TAYLOR .. | Municipal Buildings, Bombay. |
| 5865 | A. Oct. 1910<br>C.F. Aug. 1923 | *ATKIN-BERRY, HERBERT COURTENAY, D.S.O., M.C. | c/o W. H. Atkin-Berry, 143, Cannon Street, E.C.4. |
| 4357 | A. Oct. 1904<br>C.F. May 1924 | BAKER, FRANK LESLIE .. | c/o Surveyor-General's Office, Colombo, Ceylon. |
| 3620 | Oct. 1899 | BAKER, WILLIAM ANTHONY.. | Surveyor-General's Office, Kingston, Jamaica, B.W.I. |
| 8348 | Oct. 1920 | BARBER, HERBERT EUSTACE | Calcutta Improvement Trust, 5, Clive Street, Calcutta. |
| 6159 | A. Oct. 1911<br>C.F. Oct. 1918 | *BARKER, HOWARD WILLIAM A.M.I.C.E. .. .. .. .. | 22, Broadway, Madras, India. |
| 7048 | A. Oct. 1913<br>C.F. Oct. 1922 | BERRY, WILLIAM JAMES, N.D.A. | Executive Engineer, Public Health Dept., Government of Bengal, Mercantile Buildings, Calcutta, India. |
| 7637 | Oct. 1915 | BLANDFORD, STANLEY CHARLES HOOPER | Chief Engineer, Cia Carbonifera-y-de Fundicion, Schwager, Coronel, Chile, S. America. |
| 8712 | Oct. 1921 | BLIZARD JAMES MORTIMER | The Municipality, Colombo, Ceylon. |
| 4634 | A. Oct. 1905<br>C.F. Apr. 1914 | *BLOMFIELD, CHARLES GEOFFREY .. .. .. .. | 13, Rajpur Road, Delhi, India. |
| 8093 | Oct. 1919 | BONE, CHANDOS ERIC .. | Survey Office, Singapore. |
| 3512 | A. Oct. 1899<br>C.F. Oct. 1923 | *BOOTH, ERNEST WITTON, M.B.E., A.M.I.C.E. | Lake Road, Takapuna, Auckland, N.Z. |
| 9127 | Oct. 1922 | BOURKE, GEFFRARD WELLESLEY .. .. .. | Kingston, Jamaica, B.W.I. |
| 5115 | A. Oct. 1907<br>F. Oct. 1920<br>C.F. Dec. 1923 | *BRADLEY, BENJAMIN .. | c/o 5, Clanricarde Gardens, Tunbridge Wells. |

| Date of Election. | COLONIAL FELLOWS. | Address. |
|---|---|---|
| A. Oct. 1896<br>C.F. July 1917 | *Bradshaw, Arthur Stanley, A.M.I.C.E. | Assist. D.W.P.. Sierra Leone, W. Africa. |
| A. Oct. 1901<br>C.F. July 1920 | Browne, Eustace Montague | c/o General Manager, Nigerian Railways, West Africa. |
| A. Oct. 1909<br>C.F. Oct. 1921 | *¶‡Bunny, Joseph .. .. | Senior Conservator of Forests, Zaria, Nigeria, West Africa. |
| F. Jan. 1891<br>C.F. Dec. 1910 | Burchell, Sidney Herbert | 736, North Alexandria Avenue, Los Angeles, California, U.S.A. |
| A. Oct. 1905<br>F. Apr. 1908<br>C.F. Apr. 1923 | *¶Burr, Thomas Arnold .. | c/o The Salvation Amy, Byculla, Bombay, India. |
| A. Oct. 1921<br>C.F. Apr. 1924 | Callow, George Daniel .. | H.M. Dockyard, Malta. |
| A. Oct. 1903<br>F. Jan. 1909<br>C.F. Oct. 1913 | *Clark, Hudson Owen .. | Assistant Superintendent of Survey, Ceylon. |
| Oct. 1908 | Coghlan, Henry Lake .. | "Holme Chase," St. George's Avenue, Weybridge, Surrey. |
| Oct. 1905 | Cooper, Joseph A. W., M.I.C.E., A.M.I.M.E., Capt. | c/o Thomas Cook & Son, Bombay, India. |
| Oct. 1912 | Cousin, Robert .. .. .. | c/o Jos Post Office, Northern Nigeria. |
| Oct. 1924 | Cruickshank, W. S. .. .. | H.B.M. Office of Works, Shanghai, China. |
| Feb. 1910 | Cuerden, Frederick James | Palm Cottage, Nagpur, Central Provinces, India. |
| Oct. 1922 | Desbleds, Edouard Marc | Curepipe, Mauritius. |
| A. Oct. 1911<br>C.F. July 1921 | Dickson, Reginald Herbert Bruce | Hoboken, Umbali, S. Rhodesia, S. Africa. |
| Oct. 1924 | Doctor, Kaikhusru Rustim | Dahanu Building, Suparibag Road, Parel, Bombay. |
| A. Oct. 1911<br>F. Dec. 1920<br>C.F May 1922 | Eastman, Edward George, Capt., O.B.E. | Valuer and Assessor, Municipal Council, Colombo, Ceylon. |
| A. Oct. 1909<br>C.F. Apr. 1921 | *¶Eames, Legh Fairfax .. | c/o Standard Bank of South Africa, Clement's Lane, Lombard Street, E.C.4. |
| A. Oct. 1904<br>C.F. Nov. 1909 | *Edwardes, William Arnold Donaldson, Major, M.C. | Topographical Survey, Taiping, Perak, F.M.S. |
| A. Oct. 1904<br>C.F. July 1920 | *¶Ermen, Cuthbert Emil Albert | Kuching, Sarawak, Borneo, *via* Singapore. |

‡ Special Forestry Diploma.

| Dip. No. | Date of Election. | COLONIAL FELLOWS. | Address. |
|---|---|---|---|
| 8714 | Oct. 1901 | FLETCHER, JOSIAH MONK .. | P.W.D., Kingston, Jamaica. |
| 4686 | A. Oct. 1905<br>F. Mar. 1920 | *FORTUNE, SIDNEY HERBERT, CAPT. R.E. | Imperial War Graves Commission, Central Hotel, Jerusalem, Palestine. |
| 4595 | Feb. 1905 | FOSTER, EDWARD .. .. .. | The Cottage, Montego Bay, P.O., Jamaica. |
| 9302 | Oct. 1923 | FREELAND, ARTHUR EDWARD | c/o T. L. Plunkett, Esq., Portmarnock, Co. Dublin. |
| 3927 | F. Feb. 1902<br>C.F. Apr. 1924 | FRITCHLEY, EDWIN WOLLASTON .. .. .. | Shelwood, Coonoor, Bombay. |
| 4168 | A. Oct. 1903<br>C.F. Oct. 1910 | *GAIRDNER, KENNETH GRAEME | The Bombay Burmah Trading Corporation, Raheng, Siam, *via* Moulvan & Myawaddy, Burmah. |
| 6650 | Oct. 1912 | *GEE, ARTHUR HAROLD .. | P.O., Kampala, Uganda, E. Africa. |
| 9442 | Oct. 1924 | GEORGE, CHARLES EDWARD | Filleul Street, Dunedin, New Zealand. |
| 9443 | Oct. 1924 | GEORGE, CHRISTOPHER .. | Filleul Street, Dunedin, New Zealand. |
| 4692 | A. Oct. 1905<br>C.F. July 1923 | *GIBSON, ALAN KEITH .. | c/o British East Africa Corporation Ltd., Managero, Gilgil, Kenya Colony. |
| 4317 | Feb. 1904 | GURNEY, JAMES STRATTON .. | Thomason Civil Engineering College, Roorkee, India. |
| 9303 | Oct. 1923 | HALLORAN, HENRY FERDINAND | 82, Pitt Street, Sydney, New South Wales, Australia. |
| 4707 | A. Oct. 1905<br>C.F. Oct. 1915 | *¶HARRISON, HAMILTON PAYN | Survey Bungalow, Badulla, Ceylon. |
| 4183 | A. Oct. 1903<br>C.F. June 1912 | *HARRISON, WILLIAM .. .. | 115, St. Andrews Street, Bloemfontein, South Africa. |
| 9129 | Oct. 1922 | HEYGATE, LANCELOT .. .. | 3, Calle Santander, Burgos, Spain. |
| 5961 | A. Oct. 1910<br>C.F. Oct. 1914 | *¶HINGSTON, CECIL VICTOR .. | Chief Valuer, Calcutta Improvement Trust, 5, Clive Street, Calcutta. |
| 3580 | A. Oct. 1899<br>C.F. Nov. 1921 | *HOOD-DANIEL, HERBERT .. | Norwich, Port Antonia, Jamaica. |
| 3388 | A. Oct. 1898<br>C.F. July 1913 | *HOWGRAVE-GRAHAM, GEORGE ERNEST | Public Works Dept., Union Buildings, Pretoria, Transvaal. |
| 8094 | Oct. 1919 | HUSBAND, CHARLES THOMAS MAIN | c/o Surveyor General, Kuala Lumpur Selangor, F.M.S. |
| 9130 | Oct. 1922 | HUSTWICK, ERNEST .. .. | Hilliard's Chambers, Church Square, Cape Town. |

| ip. No. | Date of Election. | COLONIAL FELLOWS. | Address. |
|---|---|---|---|
| 924 | A. Oct. 1922 C.F. Apr. 1924 | ISAAC, GORDON LESLIE .. | Chikwawa, Nyasaland, B.C.A. |
| 363 | A. Nov. 1918 C.F. July 1922 | *IVEY, FREDERICK PERCIVAL | Survey Dept., Livingstone, Northern Rhodesia. |
| 444 | Oct. 1924 | KEATS, WALTER OSBORN .. | Asiatic Petroleum Co. (North China), Ltd., No. 1, The Bund, Shanghai. |
| 131 | Oct. 1922 | KENNY, PATRICK ARTHUR THEODORE, O.B.E. .. | Athenæum Lodge, Mussoorie, United Provinces, India. |
| 207 | A. Oct. 1907 C.F. Oct. 1920 | *¶KIRK, ALLAN .. .. .. | P.W.D. Offices, Hong Kong. |
| 487 | A. Oct. 1908 C.F. July 1916 | *LAKE, WALLACE STRICKLAND | Director of Public Works, Freetown, Sierra Leone, West Africa. |
| 740 | A. Oct. 1905 F. Jan. 1917 C.F. Mar. 1920 | *LAVARACK, HAMLETT UNITT | La Pujola, Chemin des Sables, Juan les Pins (A.M.), France. |
| 985 | A. Feb. 1907 C.F. Oct. 1913 | *LEES, HENRY BERRY, M.C., M.I.C.E. | Public Works Office, Jerusalem, Palestine. |
| 566 | Oct. 1908 | LERMIT, ARTHUR ALFRED .. | Survey Office, Malacca, Straits Settlements. |
| 747 | A. Oct. 1912 C.F. May 1924 | *LEWIS, HUGH FRANCIS .. | Assistant Land Surveyor, Council Offices, Shanghai Municipal Council, Shanghai, China. |
| 719 | A. Oct. 1909 C.F. June 1914 | *LOWDEN, ANDREW.. .. .. | Shendi, Soudan, N. Central Africa. |
| 860 | Oct. 1920 | MCANDREW, GEORGE DOUGLAS, MAJOR | Town Engineer, Coomassie, Ashanti, Gold Coast, West Africa. |
| 834 | F. Oct. 1900 C.F. Jan. 1904 | MCCAW, GEORGE TYRRELL, B.A.I. (*Dublin*), O.B.E. .. | War Office, Whitehall, S.W.1. |
| 556 | A. Oct. 1912 C.F. Sept. 1923 | *MCCREDIE, HUGH .. .. | Cathcart House, 11, Castlereagh Street, Sydney, Australia. |
| 804 | Oct. 1923 | MCEWEN, JOHN HENRY .. | Mombasa, Kenya Colony, British East Africa. |
| 056 | June 1896 | MCGAHAN, AMOS HARVEY .. | May Pen, Jamaica, B.W.I. |
| 556 | Feb. 1915 | MACGILLWRAY, JOHN WALKER | The Crown Surveyor, Survey Dept., Box 35, Port of Spain, Trinidad. |
| 351 | Oct. 1920 | MCNAMARA, RUPERT AUGUSTUS | Odessa Lodge, Castries, St. Lucia, B.W.I. |
| 703 | Nov. 1916 | MCTURK, WILLIAM HENRY | Land Officer and Surveyor, Bathurst, Gambia, W. Africa. |
| 031 | A. Oct. 1902 F. July 1905 C.F. Oct. 1909 | *MAY, PHILIP JOHN.. .. .. | Survey Department, Badulla, Ceylon. |
| 469 | Oct. 1913 | MELVIN, WILLIAM GEORGE, M.I.C.E., M.I.M. & C.E. | Executive Engineer, Irrigation Dept., Government of Bengal, Calcutta. |

| Dip. No. | Date of Election. | COLONIAL FELLOWS. | Address. |
|---|---|---|---|
| 2977 | A. Oct. 1895<br>C.F. Oct. 1920 | *MENMUIR, ROBERT WILLIAM | National Mutual Buildings, Church Square, Cape Town. |
| 3868 | A. Oct. 1901<br>C.F. Oct. 1910 | *MICHELL, JOHN .. .. .. | Royal Survey Department, Bangkok Siam. |
| 9132 | Oct. 1922 | MILL, DAVID WILLIAM .. | Superintendant of Surveys, Dept. of Lands & Forests, Quebec, Canada. |
| 2643 | Feb. 1894 | MILLER, WILLIAM .. .. .. | Nassau, Bahamas, West Indies. |
| 3870 | A Oct. 1901<br>C.F. July 1922 | *MITCHELL, HERBERT ARTHUR | c/o Resident Engineer, Harbour Board, Gisborne, New Zealand. |
| 9445 | Oct. 1924 | MITCHELL, KENNETH WILLIAM SANDERSON .. .. | Survey Bungalow, Batticaloa, Ceylon |
| 7970 | Nov. 1918 | MORPHY, HENRY.. .. .. | Survey Dept., Nigeria, West Africa |
| 6786 | A. Oct. 1912<br>C.F. Oct. 1920 | *¶NEEDHAM, WALTER WILLIAM, CAPT. | Canadian Pacific Buildings, 98 Boulevard Adolphe Max, Brussels. |
| 6947 | Oct. 1912 | NICHOLAS, WILFRED DUNSTAN | The Estate Department, Singapore Harbour Board, Singapore. |
| 8716 | Oct. 1921 | NOLAN, ARTHUR PATRICK .. | Superintendent of Land Records Shwebo, Upper Burma. |
| 4763 | A. Oct. 1905<br>C.F. July 1913 | *NOTTAGE, PERCY GEORGE .. | c/o G. Nottage, Esq., c/o Mrs. Jones The Cottage, Burnham, Bucks. |
| 9446 | Oct. 1924 | OTWAY, RUPERT COLERIDGE | Public Works Dept., Monserrat, B.W.I. |
| 5453 | A. Feb. 1912<br>C.F. July 1920 | *¶PARROTT, CHARLES CLAYTON | P.W.D., Cape Coast, W. Africa. |
| 8717 | Oct. 1921 | PEARSON, TURNER LANGBRIDGE .. .. .. .. | Spanish Town, Jamaica. |
| 7639 | Oct. 1915 | PENNEFATHER, JOHN PYNE | 2, Oxley Road, Singapore. |
| 6976 | A. Feb. 1913<br>C.F. July 1922 | *PERCY, GEORGE REGINALD, M.C., A.M.I.C.E. | Executive Engineer, Kuala Selangor Selangor, F.M.S. |
| 7419 | A. Oct. 1918<br>C.F. Dec. 1923 | *¶PHILLIPS, CUTHBERT EMRYS VAUGHAN | Dene House, Hurstborne Tarrant Hants. |
| 7838 | A. Oct. 1913<br>C.F. July 1920 | *PIKE, JOHN PERCY .. .. | Assistant Town Engineer, Engineer's Dept., Pretoria Municipality Transvaal, South Africa. |
| 5753 | A. Oct. 1909<br>C.F. Feb. 1919 | *PLANT, CLIFFORD ERNEST .. | Architect Branch, C.E.'s Office, Railway Dept., Brisbane, Australia. |

| Dip. No. | Date of Election. | COLONIAL FELLOWS. | Address. |
|---|---|---|---|
| 352 | Oct. 1920 | POULDEN, GEORGE EDWARD LUTHER .. .. .. .. | 14, Sion Hill, Clifton, Bristol. |
| 971 | Nov. 1918 | PRICE, OWEN GORDON.. .. | P.W.D., Freetown, Sierra Leone. |
| 353 | Oct. 1920 | PUNTIS, WALTER ERNEST, LT.-COL., O.B.E., V.D. .. | P.W.D., Pretoria, South Africa. |
| 354 | Oct. 1920 | RAO, ANANTHA KRISHNA .. | Residency Bazar, Hyderabad, Deccan, India. |
| 979 | Nov. 1918 | RENSHAW, JAMES C. .. .. | H.O. British Togoland, via Accra, Gold Coast Colony, Africa. |
| 704 | Nov. 1916 | RICKMAN, RALPH ETWALL .. | Chapelton, P.O., Jamaica, B.W.I. |
| 508 | A. Oct. 1904<br>C.F. Sep. 1923 | *RIDDETT, BASIL PERRY .. | c/o Colonial Survey Dept., Accra, Gold Coast Colony. |
| 588 | A. Feb. 1905<br>C.F. Sep. 1923 | *ROWE, GILBERT CHARLES .. | Lands Acquisition Officer, Bombay, India. |
| 360 | A. Feb. 1908<br>F. Oct. 1920<br>C.F. May 1924 | *ROYDS, GEORGE FREEMAN.. | Tapu Directorate, Baghdad, Iraq. |
| 133 | Oct. 1922 | SAIDLER, JAMES ROY, MAJOR, M.C., C. de G. .. .. .. | 27, Howard Place, Edinburgh. |
| 367 | A. Oct. 1911<br>C.F. Oct. 1922 | SAISE, WALTER .. .. .. | 1st Division Public Health Dept., Saharanpur, India. |
| 044 | A. Oct. 1910<br>C.F. Oct. 1922 | *¶SAWARD, SIDNEY CARMAN.. | c/o Surveyor-General, Accra, Gold Coast. |
| 770 | A. Oct. 1909<br>C.F. Jan. 1915 | *SCOTLAND, DOUGLAS WILLIAM | Director of Agriculture, Freetown, Sierra Leone, W. Africa. |
| 049 | A. Oct. 1910<br>C.F. Jan. 1913 | *§SHROSBREE, ALBERT DE BOIS | 4, Pretoria Street, Calcutta. |
| 117 | A. Feb. 1911<br>C.F. July 1922 | *¶SIMS, NUGENT WOOLCOTT.. | 112, Gordon Road, Ealing, W.13. |
| 948 | Oct. 1912 | SMITH, JAMES LANDRETH .. | Basseterre, St. Kitts Nevis, B.W.I. |
| 868 | A. Oct. 1912<br>C.F. July 1921 | *¶SPENCER, ALBERT EDWARD | Land Office, Entebbe, Uganda, British East Africa. |
| 871 | A. Oct. 1912<br>C.F. Oct. 1920 | *STARLEY, BERNARD .. .. | c/o Lloyd's Bank, Ltd., Atherstone, Warwickshire. |
| 470 | Oct. 1913 | SUTTON, FRED .. .. .. | Public Works Office, Hong Kong, China. |

| Dip. No. | Date of Election. | COLONIAL FELLOWS. | Address. |
|---|---|---|---|
| 5788 | A. Oct. 1909<br>C.F. Dec. 1923 | *Taylor, Frederick Hale | Land Manager, Bombay Port Trust, Bombay. |
| 6391 | A. Oct. 1911<br>C.F. Apr. 1920 | *¶Temple, Richard, Jun. .. | Survey Dept., P.W.D., Sierra Leone, Africa. |
| 9305 | Oct. 1923 | Terrier, Theodore Emile | Spanish Town, Jamaica, B.W. Indies. |
| 8356 | Oct. 1920 | Thompson, William Glossop | P.O. Box 500, Durban, Natal, South Africa. |
| 5792 | A. Oct. 1909<br>F. Oct. 1913<br>C.F. Sep. 1923 | *Thorne, Harman .. .. | Municipal Engineer, Basrah, Iraq, Mesopotamia. |
| 7952 | A. Nov. 1918<br>C.F. Dec. 1922 | *Tivy, Ryder Vaughan .. | Chief Surveyor's Office, Livingstone, N. Rhodesia. |
| 4288 | A. Oct. 1903<br>C.F. Apr. 1920 | *Wallace, Herbert Alexander Craig | Southern Life Buildings, Maitland Street, Bloemfontein, O.F.S. |
| 8719 | Oct. 1921 | Warne, William Montague | P.W.D., Pretoria, South Africa. |
| 9095 | Oct. 1919 | Wavell, Claude William Fuglar .. .. .. .. | Leindenhurst, Gurnard, I. of W. |
| 8720 | Oct. 1921 | Willoughby, Hugh Michael .. .. .. .. | Good Hope, Dallas, P.O. Jamaica. |
| 6934 | A. Oct. 1912<br>C.F. Mar. 1916 | ¶Wilson, George Harold Sumner | District Commissioner, Enchi, via Prestea, Sekondi, W. Africa. |
| 4098 | A. Oct. 1902<br>C.F. Oct. 1906 | *Wright, Arthur Edgar .. | Public Works Department, Hong Kong. |
| 9306 | Oct. 1923 | Wright, Francis Thomas.. | Zomba, Nyasaland, B.E. Africa. |
| 4324 | F. Oct. 1904<br>C.F. Jan. 1923 | Wright, George John, Lt.-Col. | R.E. Office, 22, North Bridge, Edinburgh. |

Total Number of Colonial Fellows, 129, carried to Summary, page 237.

# Professional Associates.

he names of those Professional Associates who have qualified for the Class by Examination are distinguished thus *
names of those Professional Associates who have further qualified by Examinrtion for, but have not yet been transferred to the Class of Fellows, are distinguished thus ¶
names of those Professional Associates who have gained prizes at the Institution Examination are distinguished thus §

| Date of Election. | PROFESSIONAL ASSOCIATES. | Address. |
|---|---|---|
| Oct. 1906 | *ABBOTT, ARTHUR JOE .. .. | 7, Preston Villas, Yeovil, Somerset. |
| Oct. 1913 | *ABBOTT, CLAUDE, M.C. .. .. | Bradley Court, Micheldean, Glos. |
| Oct. 1920 | *¶ABBOTT, OSCAR LEWIS .. .. | 14, Carrington Road, Flixton, Manchester. |
| Nov. 1918 | *¶ABRAMS, GEORGE HERBERT .. | 19, Buckingham Street, W.C.2. |
| Oct. 1921 | *¶ADAIR, WILLIAM .. .. .. | c/o F. B. Punchard, Underley Estate Office, Kirkby Lonsdale, Westmorland. |
| Oct. 1923 | *¶ADAMS, DONOVAN GUY .. .. | 19, Arthur Road, Wimbledon, S.W.19 (Surrey). |
| Oct. 1894 | *ADAMS, GERALD JAMES FREDERICK, CAPT., F.R.G.S. | "Kitsilano," Golf Links Avenue, Felpham, Sussex. |
| Oct. 1895 | *ADAMS, HERBERT .. .. .. | 38, Sloane Street, Belgravia, S.W. |
| Oct. 1904 | *¶ADAMS, HUBERT ARTHUR .. | Horsington House, Grove Road, Woking. |
| Oct. 1920 | *¶ADAMSON, THOMAS ROBERT .. | 27, Grove Street, Newcastle-on-Tyne. |
| Oct. 1913 | *¶ADDEY, FREDERICK ARNOLD | 8, Victoria Mansions, Queen's Club Gardens, W.14. |
| Oct. 1911 | *¶ADDIE, ALAN LESLIE FORRESTER | Land Steward and Surveyor's Office, Municipal Buildings, Liverpool. |
| Oct. 1919 | *¶§ADKIN, BENAIAH COLSON .. | 35, Lincoln's Inn Fields, W.C.2. |
| Oct. 1921 | *¶ADKIN, WILFRED GIBB .. .. | 8, Hope Park, Bromley, Kent. |
| Jan. 1922 | ADKINSON, EDGAR HENRY .. | Moor View, Lumb Lane, Bramhall, Cheshire. |
| Oct. 1911 | *AINLEY, ERIC EDWIN .. .. | 78, Birkby Hall Road, Huddersfield. |
| Nov. 1918 | *ALDEN, JOHN HENRY .. .. | 11, Clifton Street, Hornsea, E. Yorks. |
| Oct. 1908 | *¶ALDERSON, CHARLES HENRY .. | Dovercourt, Essex. |
| Oct. 1913 | *¶ALEXANDER, THOMAS MACKELVIE | c/o Messrs. Woolfall & Eccles, 60, Castle Street, Liverpool. |
| Oct. 1920 | *¶ALEXANDER, WILLIAM THOMAS RICHARD | 64, Wellington Road, Hampton Hill, Fulwell, Middlesex. |
| Oct. 1912 | *ALGAR, STANLEY.. .. .. .. | Boro' Engineer's Office, Town Hall, Leamington Spa. |
| Oct. 1921 | *¶ALLAM, FREDERICK WILLIAM | Woodfield, Slinfold, Horsham, Sussex. |
| Oct. 1921 | *¶ALLCOCK, ARCHIBALD JOSEPH | P.O. Umtali, S. Rhodesia, S. Africa. |

( Special Rating Diploma.

| Dip. No. | Date of Election. | PROFESSIONAL ASSOCIATES. | Address. |
|---|---|---|---|
| 3780 | Oct. 1901 | *ALLEN, FRED TREGARTHEN .. | 43, Kingshall Road, Beckenhar Kent. |
| 8125 | Oct. 1920 | *¶ALLERTON, REGINALD JOHN .. | Borough Engineer and Surveyor Dept., Council House, Walsall, Sta |
| 7769 | Nov. 1918 | *¶§ALLISON, GEORGE HENRY .. | P. W. D. Raisina, Delhi, India. |
| 7019 | Oct. 1913 | *ALLISON, WILLIAM .. .. .. | 50, Rathbone Place, W. |
| 9320 | Oct. 1924 | *¶ALLPORT, CYRIL HOWARD .. | Menagerie Farm, Escrick, York. |
| 5860 | Oct. 1910 | *ALVES, HAROLD NORMAN .. .. | 27, High Street, Glastonbury, Somers |
| 3952 | Oct. 1902 | *¶AMIES, HERBERT CHRISTOPHER.. | Imperial College of Tropical Agricu ture, St. Augustine, Trinida B.W.I. |
| 9321 | Oct. 1924 | *¶§ANDERSON, JAMES HAMILTON | 92, Madrid Road, Barnes, S.W.13. |
| 5340 | Oct. 1898 | *ANDREWS, ARTHUR GEORGE, LIC.R.I.B.A., M.Inst. M. & C.E. | Borough Surveyor's Office, Town Ha Colchester. |
| 5387 | Oct. 1908 | *¶ANDREWS, PERCY CHARLES .. | Valuation Dept., 16, St. Mark's Hi Surbiton. |
| 4353 | Oct. 1904 | *ANDREWS, RONALD SEYMOUR .. | 143, Bow Road, E. |
| 3074 | Oct. 1896 | *ANDREWS, STEPHEN HAMPTON.. | 28, Limesford Road, Waverley Park, S. |
| 8944 | Oct. 1922 | *¶ANDREWS, THEODORE ERNEST | Rodney Gate, Little Baddow, ne Chelmsford. |
| 7022 | Oct. 1913 | *ANDREWS, WILLIAM CHARLES .. | 20, Oxenford Street, East Dulwic S.E. |
| 6154 | Oct. 1911 | *ANDREWS, WILLIAM FREDERICK | 97, Buckingham Road, Brighton. |
| 6501 | Oct. 1912 | *¶ANNAKIN, ARTHUR BERTIE .. | Cave Holme, Well Royd Cresce Halifax. |
| 6949 | Feb. 1913 | *ANNS, FRANK .. .. .. .. | Kantara, Hook Hill, Sanderste Surrey. |
| 7023 | Oct. 1913 | *ANSELL, DOUGLAS GEORGE .. | c/o W. G. Ansell, c/o Lloyds Ban 116A, Western Road, Brighton. |
| 4892 | Oct. 1906 | *ANSTEAD, SYDNEY HERBERT .. | 13, Blake Hall Road, Wanstead, E. (Essex). |
| 6155 | Oct. 1911 | *APPLETON, EDWARD .. .. .. | 4, Park Avenue, Mitcham, Surrey. |
| 8411 | Oct. 1921 | *¶APPLEYARD, SIDNEY WALTER | 14, Wakefield Road, New Southga N.11 (Middlesex). |
| 7770 | Nov. 1918 | *apTHOMAS, ROBERT TIBBOT KERRIS | P.O. Box 1041, Timmins, Ontar Canada. |
| 9157 | Oct. 1923 | *¶APTHORP, ARTHUR LEONARD | 26, Devereux Road, S.W.11. |
| 8126 | Oct. 1920 | *¶APTHORPE, HENRY GUY .. | 104, Victoria Road, Diss, Norfolk |
| 4893 | Oct. 1906 | *ARCHER, HAROLD DE BYRLAY .. | 16, St. James Street, Sheffield. |
| 7034 | Oct. 1913 | *¶ARCHER, HARRY BARTON .. .. | 26, Belvedere Road, Coventry. |
| 6156 | Oct. 1911 | *ARCHER, HERBERT HUMBLEY.. | 6 and 7, Promenade, Southport. |
| 9158 | Oct. 1923 | *¶ARCHER, JOHN .. .. .. | 2, Bigby Road, Brigg, Lincs. |
| 9159 | Oct. 1923 | *¶ARDERN, VENICE .. .. .. | 26, New Market Street, Blackbu |
| 9160 | Oct. 1923 | *¶ARDLEY, CECIL WILLIAM .. | Wayside, Crosby Road, Westcliff- Sea. |
| 7772 | Nov. 1918 | *¶ARGILE, HAROLD WILMORE .. | Fern Villas, Lichfield Road, Shelfie Walsall, Staffs. |

| Mp. No. | Date of Election. | PROFESSIONAL ASSOCIATES. | Address. |
|---|---|---|---|
| 45 | Oct. 1922 | *¶ARMITAGE, FREDERICK GEORGE | 15, Cornwall Parade, Church End, Finchley, N.3 (Middlesex). |
| 02 | Oct. 1912 | *¶ARMOUR, ANDREW LAMONT, B.SC. | 54, Bewick Road, Gateshead, Durham. |
| 88 | Oct. 1908 | *¶ARMSTRONG, CLIVE HEATH .. | Courthill, Bournemouth Road, Parkstone, Dorset. |
| 22 | Feb. 1900 | *ARNOLD, ALAN .. .. .. .. | Westgate Chambers, Winchester. |
| 15 | Oct. 1909 | *ARNOLD, ARNOLD KEITH .. .. | 5, Sloane Square, S.W. |
| 40 | Oct. 1900 | *ARNOLD, HARRY HAGON .. .. | 9, Prince of Wales Road, Norwich. |
| 22 | Oct. 1924 | *¶ARNOLD, JOHN STANLEY.. .. | 83, Church Road, Canonbury, N. |
| 25 | Oct. 1913 | *ARNOLD-FORSTER JOHN ANTHONY .. .. .. .. .. | Nacton House, near Ipswich. |
| 12 | Oct. 1921 | *¶ARSCOTT, LEONARD CHARLES | Rating Office, Southern Railway, Victoria Station, S.W.1. |
| 26 | Oct. 1913 | *ARTHUR, THOMAS BEVAN .. .. | 7, Lammas Street, Carmarthen. |
| 73 | Nov. 1918 | ¶*§ASH, CHARLES ANTHONY .. | 80, Horsham Avenue, N. Finchley, N.12 (Middlesex). |
| 64 | Oct. 1910 | *ASH, FRANCIS EDWARD .. .. | 99, Belmont Road, St. Andrews, Bristol. |
| 54 | Oct. 1904 | *¶ASH, HORACE JAMES, A.R.I.B.A. .. | 17, Bridge Street, Nuneaton, Warwickshire. |
| 04 | Oct. 1912 | *ASHFORD, HARRY ALBERT.. .. | Cathedral Chambers, Rochester. |
| 05 | Oct. 1912 | *ASHLEY, REGINALD WALKER .. | Brae Lodge, Mickleton Road, Coventry, Warwick. |
| 89 | Oct. 1908 | *§ASHTON, ARTHUR, F.R.I.B.A. .. | Clifton Chambers, Wood Street, St. Annes-on-Sea, Lancs. |
| 61 | Oct. 1923 | *¶ASHWELL, PHILIP ECOB .. .. | c/o Messrs. Andrew & Ashwell, 45, London Road, Leicester. |
| 95 | Oct. 1919 | *¶‡ASTBURY, CHARLES NORMAN | c/o Messrs. C. B. Walker, 95, Courtenay Place, Wellington, New Zealand. |
| 46 | Oct. 1922 | *¶ASTILL, FREDERIC HARRY .. | Kirby Park, Melton Mowbray, Leicestershire. |
| 13 | Oct. 1921 | *¶ATKINS, ARTHUR EDWARD ALAN MARTIN | 4, Harwood Road, The Broadway, Walham Green, S.W.6. |
| 17 | Oct. 1922 | ¶ATKINS, HENRY KENT .. .. | 68, Norbury Crescent, S.W.16 (Surrey). |
| 05 | Oct. 1906 | *ATKINSON, CHARLES CHRISTOPHER | Hope House, Yoxford, Suffolk. |
| 6 | Oct. 1910 | *¶ATKINSON, CLIFFORD GARNETT.. | Horsham, U.D.C., Town Hall Chambers, Horsham. |
| 3 | Oct. 1898 | *¶ATTLEE, EDWARD GUY .. .. | Green Lane, Burbage, Buxton, Derbyshire. |
| 8 | Oct. 1922 | *¶AUSTIN, JOSEPH JAMES ROWLES | Courtfield, Ealing Common, W.5 (Middlesex). |
| 4 | Oct. 1921 | *¶AVERY, THOMAS ARTHUR .. | Landscape View, Saffron Walden, Essex. |

‡ Special Forestry Diploma.

| Dip. No. | Date of Election. | PROFESSIONAL ASSOCIATES. | Address. |
|---|---|---|---|
| 5695 | Oct. 1910 | *Avey, John William, n.d.a. | c/o Messrs. W. H. Brown, Lt Leatherhead, Surrey. |
| 5617 | Oct. 1909 | *¶Ayliffe, Walter Sydney .. | "The Shrubberies," Woodside Gre South Norwood, S.E. (Surrey). |
| 7996 | Oct. 1919 | *¶Ayling, John .. .. .. .. | 17, Richmond Place, Brighton. |
| 5618 | Oct. 1909 | *Aylmer, Guy .. .. .. .. | Risby Manor, Bury St. Edmund's. |
| 4356 | Oct. 1904 | *Aynsley, Douglas Farrer .. | 20, Wolveleigh Terrace, Gosforth, Ne castle-on-Tyne. |
| 8415 | Oct. 1921 | *Aynsley, John Thomas Oliver | Leeholme Road, Coundon, Durham. |
| 7582 | Oct. 1915 | *¶Back, George .. .. .. .. | 72, Mayfield Avenue, West Eali W.13 (Middlesex). |
| 4896 | Oct. 1906 | *¶Bagnall, Edward George .. | 28, Colville Square, W. |
| 8902 | Jan. 1922 | Bagnall, Harold William .. | Guildhall, Nottingham. |
| 8949 | Oct. 1922 | *¶Bagshaw, Stanley Frederick | 72, Drakefell Road, New Cross, S |
| 7028 | Oct. 1913 | *Bailey, Alfred Cecil .. .. | The West Worthing, Auction a Estate Offices, Worthing. |
| 5619 | Oct. 1909 | *Bailey, Alfred Horace.. .. | Fairlight, Burley Road, Merston, ne Leeds. |
| 9162 | Oct. 1923 | *¶Bailey, Arthur Ronald .. | 5, Great College Street, Westminst S.W.1. |
| 8128 | Oct. 1920 | *Bailey, Victor .. .. .. | 25, Cambridge Road, Barnes, S.W |
| 5003 | Jan. 1922 | ¶Baillie, Peter .. .. .. | 14, St. Mary's Road, Strood Rochester. |
| 8416 | Oct. 1921 | *¶Bain, Archibald Williamson | 12A, Albany Street, Regent's Pa N.W. |
| 7030 | Oct. 1913 | *Baker, Alfred Barnet .. .. | 5, Lime Terrace, Shrewsbury. |
| 5368 | Oct. 1910 | *¶Baker, Alfred James .. .. | 5, Mount Street, W. |
| 8417 | Oct. 1921 | *¶Baker, Ernest John .. .. | Uffculme, Devon. |
| 7509 | Oct. 1912 | *¶Baker, Ernest Samuel .. .. | Netherby, Wick, Scotland. |
| 8950 | Oct. 1922 | *¶Baker, George Henry.. .. | 9, Stanhope Terrace, Gloucester Ga N.W.1. |
| 7997 | Oct. 1919 | *¶Baker, George William .. | 14, St. James Terrace, The H Plymouth. |
| 6157 | Oct. 1911 | *Baker, Harold .. .. .. | Amberley, Gloucestershire. |
| 5671 | Oct. 1909 | *¶Baker, Henry Thomas George | H.M.O.W., Westminster, S.W.1. |
| 4893 | Oct. 1906 | *Balcomb, Cecil Augustus .. | 278, Christchurch Road, Bournemou |
| 5331 | Oct. 1908 | *¶Balden, John Whiteley.. .. | Estate Office, Bretton, Wakefield |

| p. | Date of Election. | PROFESSIONAL ASSOCIATES. | Address. |
|---|---|---|---|
| 7 | Oct. 1901 | *¶‖ Baldwin-Wiseman, William Ralph, M.Sc., F.G.S., A.M.I.C.E. | 11, Canfield Gardens, Hampstead, N.W.6. |
| 3 | Oct. 1923 | *¶ Balfour, Gilbert Graham .. | Estate Office, Normanby, Scunthorpe, Lincs. |
| 2 | Oct. 1908 | * Ball, Francis Leopold .. .. | 91, Moorgate, E.C.2. |
| 3 | Oct. 1924 | *¶ Ball, Herbert Frederick | Works Dept., I.W.G.C., St. Omer, Pas de Calais, France. |
| 0 | Oct. 1906 | * Ballantine, William Archibald .. .. .. .. | 14, Queenshaugh Drive, Stirling. |
| 4 | Oct. 1923 | *¶ Ballard, Percy .. .. .. | 79, Aylestone Road, Leicester. |
| 2 | Oct. 1905 | * Ballard, William Edgar, A.M.I.C.E. | 29, Anderton Park Road, Moseley, Birmingham. |
| 2 | Oct. 1913 | *¶ Ballentine, David .. .. | Lydvilles, Woodcroft Avenue, Mill Hill, N.W.7 (Middlesex). |
| 4 | Jan. 1922 | Ballinger, Albert Edward | Glengarth, Pitchcombe, near Stroud. |
| 5 | Oct. 1923 | *¶ Balmer, James Brice .. .. | 139-141, Main Street, Bangor, Co. Down, Ireland. |
| 8 | Oct. 1904 | * Balster, Stephen .. .. .. | 32, Lockwood Road, Ilford, Essex. |
| 8 | Oct. 1907 | *¶ Banham, Edward Longley .. | 4, Whitehall Place, S.W.1. |
| 1 | Oct. 1900 | * Banks, Edward John Stanley | 101, Bethune Road, Stamford Hill, N.16. |
| 9 | Oct. 1910 | * Banton, Luther George .. | 22, Shandon Road, Pembsborough, Dublin. |
| 9 | Oct. 1904 | *¶ Barber, Harry John .. .. | 35 Woodstock Avenue, Golder's Green, N.W. (Middlesex). |
| 8 | Oct. 1921 | *¶ Bark, John Eldon .. .. | 7, Moorfields, Liverpool. |
| 3 | Oct. 1915 | *¶ Barker, Horace Thomas Searle .. .. .. .. .. | 13, Lowndes Street, Belgravia, S.W.1. |
| 6 | Oct. 1913 | * Barlow, James .. .. .. .. | The Elms, Whitefield, Manchester. |
| 1 | Oct. 1906 | * Barnard, Dennis Christopher | South Lodge, Queen Edith's Way, Cambridge. |
| 0 | Oct. 1904 | * Barnham, George William .. | Griston, Watton, Norfolk. |
| 7 | Jan. 1885 | * Barratt, Harry.. .. .. .. | Hill View, Corser Street, Stourbridge, Worcestershire. |
| 0 | Oct. 1911 | *¶ Barrett, Allan .. .. .. | The Avenue, Scholes, near Leeds. |
| 1 | Oct. 1922 | *¶ Barrett, Robin Coventry .. | Skipton Castle, Skipton, Yorks. |
| 4 | Oct. 1924 | *¶ Barron, John Reynolds .. | Bottesford Road, Ashby, Scunthorpe, Lincs. |
| 7 | Oct. 1913 | * Barron, Sidney Norman, Capt., R.E. .. .. .. .. | Kirkham, Cobham, Kent. |
| 4 | Oct. 1912 | * Barry, Arthur Thomas .. .. | 4, Napier Road, Wembley, Middlesex. |
| 6 | Oct. 1923 | *¶ Barton, Albert Clifford .. | 33A, High Street, Teddington. |
| 9 | Oct. 1913 | *¶ Bartram, Ronald .. .. .. | 44, Church Road, Barnes, S.W. (Surrey). |
| 9 | Oct. 1921 | *¶ Barwell, Richard Newman | c/o Messrs. Bidwell & Sons, St. Mary's, Ely. |

‖ Sessional Paper Gold Medal.

| Dip. No. | Date of Election. | PROFESSIONAL ASSOCIATES. | Address. |
|---|---|---|---|
| 3956 | Oct. 1902 | *Bastable, John Daniel .. .. | "St. Aubyns," Cheltenham Moun Harrogate. |
| 8131 | Oct. 1920 | *¶Batchelor, Percival .. .. | 14, Blackwellgate, Darlington. |
| 4130 | Oct. 1903 | *¶Bateman, Frank Graham.. .. | 1, Stanley Place, Chester. |
| 7775 | Nov. 1918 | *Bateman, William Herbert, Capt., m.c., a.m.i.c.e. .. .. | Beaumont, Calne, Wilts. |
| 4903 | Oct. 1906 | *¶Bates, Arthur Roger Albert | L. & N.E. Rly., Surveyor's Dep 72, Hamilton House, Bishopsgat E.C.2. |
| 8420 | Oct. 1921 | *¶Bates, Leon Rodwell .. | Greenfields, Christchurch Road, Ea Sheen, S.W.14 (Surrey). |
| 4363 | Oct. 1904 | *Bates, Oscar George .. .. | Estate Office, Canwick, Lincoln. |
| 5871 | Oct. 1910 | *¶Bates, Percy .. .. .. .. | 60, Preston Street, Brighton. |
| 7040 | Oct. 1913 | *Bates, Stacy James .. .. .. | 5, Wood Lane, Becontree, L.C. Estate, Chadwell Heath, Essex. |
| 6515 | Oct. 1912 | *¶Bath, Cecil Alan .. .. | Stoneyheath, St. John's Road, O pington, Kent. |
| 6516 | Oct. 1912 | *¶Bathurst, Frank Victor .. | 103, High Street, Clapham, S.W.4. |
| 8952 | Oct. 1922 | *¶Batkin, Richard Wall .. | 1A, Westland Road, Watford. |
| 4131 | Oct. 1903 | *Batstone, Walter Waterfield | Godliman House, Godliman Stree E.C.4. |
| 8132 | Oct. 1920 | *¶Baty, Reginald Elphinstone | 47, Blackett Street, Newcastle-o Tyne. |
| 4904 | Oct. 1906 | *¶Bax, William Molyneux.. .. | 37, Milton Road, Wallington, Surre |
| 5899 | Oct. 1908 | *¶Baxter, George Coulson .. | 1, Frederick's Place, Old Jewry, E.C. |
| 8421 | Oct. 1921 | *¶Baxter, Harold John .. | 3, High Street, Totnes, Devon. |
| 4905 | Oct. 1906 | *¶Bayden, Edward .. .. .. | 45, Parkside, Eltham, S.E.9. |
| 3511 | Oct. 1899 | *Baylis, Alfred William .. | 128, Colmore Row, Birmingham. |
| 9325 | Oct. 1924 | *¶Beak, Frederick William .. | 94, Furness Road, Harlesden, N.W. |
| 5623 | Oct. 1909 | *Beale, Donald Olaf Christopher .. .. .. .. .. | Uckfield, Sussex. |
| 9326 | Oct. 1924 | *¶Bean, George William .. | 73, Victoria Road, Bedford. |
| 8422 | Oct. 1921 | *¶Beard, Philip Arthur Edgar | 27, Maddox Street, W.1. |
| 7776 | Nov. 1918 | *Bearman, Harry Victor .. | Derwent, Ridgeview Road, Woods Park, N.20 (Middlesex). |
| 5872 | Oct. 1910 | *Beaumont, John Edmund .. | 1, Lansdown Road, Dukes Aven Muswell Hill, N. (Middlesex). |
| 8423 | Oct. 1921 | *¶Beavan, William Franklin | Union Court, Cook Street, Liverpo |
| 4132 | Oct. 1903 | *Beaven, Howard Clifford .. | Willoughby, Bulwer Road, New B net, Herts. |
| 7042 | Oct. 1913 | *¶Beck, Herbert Edgar, b.a. .. | Valuation Dept., L.C.C., Old Cour Hall, Spring Gardens, S.W.1. |
| 6519 | Oct. 1912 | *¶Beckham, Arthur Arkell .. | 6, Brixton Road, S.W.9. |

| p. o. | Date of Election. | PROFESSIONAL ASSOCIATES. | Address. |
|---|---|---|---|
| 0 | Oct. 1912 | *¶Bedells, Herbert Sydney Grafton .. .. .. .. .. | Toft Lawn, Hornsey Lane, Highgate, N. |
| 7 | Oct. 1924 | *¶§ Bedford, Harold Edward Sayer .. .. .. .. .. | 3, Weight Road, Chelmsford. |
| 7 | Oct. 1898 | *Bedwell, Ernest Charles .. | 29, Fleet Street, E.C. |
| 3 | Oct. 1920 | *¶Bee, David .. .. .. .. | 17, Pepper Street, Chester. |
| 0 | Oct. 1908 | *¶Beever, Rowland .. .. .. | West Garth, The Triangle, Ferriby, E. Yorks. |
| 3 | Oct. 1922 | *¶Beilby, Robert Buxton .. | 1, Cyprus Street, S. John's, Wakefield. |
| 5 | Oct. 1909 | *Beken, Reginald Walter .. | 213, Hoe Street, Walthamstow, N.E. (Essex). |
| 4 | Oct. 1911 | *¶Bell, Cyril Robert .. .. | The Estates Office, High Street, Tarporley, Cheshire. |
| 4 | Oct. 1921 | *¶Bell, Ethelbert Ernest .. | King's Head Hotel, Harrow-on-the-Hill. |
| 6 | Oct. 1906 | *Bell, Harry Cecil .. .. .. | Shirley Croft, Grantham. |
| 6 | Oct. 1909 | *¶Bell, Wallace Alfred .. .. | "Hambleden," Church Road, Lyminge, Kent. |
| 7 | Oct. 1923 | *¶Bell, William .. .. .. | 233, Barry Road, Dulwich, S.E.22. |
| 6 | Oct. 1904 | *¶Bellamy, Harry .. .. .. | Threlkeld, Chelmsford Road, Harrogate. |
| 2 | Oct. 1912 | *¶Benham, Maurice Victor.. .. | Land Agency Office, Chipping Norton, Oxon. |
| 1 | Oct. 1908 | *¶Bennett, Arthur John .. .. | 15, St. Helen's Crescent, Swansea. |
| 6 | Oct. 1911 | *¶Bennett, Arthur Thomas .. | Rating Surveyor, Prudential Buildings, George Street, Plymouth. |
| 3 | Feb. 1910 | *¶Bennett, Maurice Christmas.. | Department of Lands, Government of Palestine, Jerusalem. |
| 4 | Oct. 1922 | *¶Bennett, Rowland .. .. | 120, Regent Road, Fenton, Stoke-on-Trent, Staffs. |
| 0 | Oct. 1919 | *Bennett, Roland Day .. .. | "Edbrook," Warren Park, Warlingham, Surrey. |
| 7 | Oct. 1913 | *Bentley, John .. .. .. .. | 26, Portland Crescent, Plymouth Grove, Manchester. |
| 1 | Oct. 1905 | *Benton, Gerald Sydney .. | 14, Norfolk Road, Brighton. |
| 5 | Oct. 1920 | *¶Berry, Charles Edward .. | Oak Hall, High Stone, Leytonstone, Essex. |
| 8 | Oct. 1923 | *¶Berry, Frank Lincoln .. | 74A, Holland Road, Harlesden, N.W.10 (Middlesex). |
| 9 | Oct. 1917 | *¶§Berry, William Wellington | 21, Kingston Hill, Surrey. |
| 6 | Oct. 1920 | *¶Bertrand, Walter Randolph | 8, Young Street, St. George's, Grenada, B.W.I. |
| 7 | Oct. 1920 | *¶Besant, Hubert Saxton .. | 2, West Terrace, Richmond, Yorks. |
| 9 | Nov. 1918 | *¶Bescoby, Harry Bernard .. | Guestling, Hastings. |

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|---|---|---|---|
| 5403 | Oct. 1908 | *Bettridge, Sidney Woodward | Ferney, Warlingham, Surrey. |
| 4908 | Oct. 1906 | *¶Bevington, Ernest .. .. .. | 116, Cranley Gardens, Muswell Hill, (Middlesex). |
| 7526 | Oct. 1914 | *¶Bigham, Robert Alexander .. | 21, Cranhurst Road, Cricklewoo N.W.2 (Middlesex). |
| 9169 | Oct. 1922 | *¶Bingham, Cyril Hugh .. | 55, Westbourne Park Road, Bay water, W.2. |
| 3644 | Oct. 1900 | *¶Bingham, William Raper .. | 11, Pydar Street, Truro, Cornwall. |
| 8426 | Oct. 1921 | *¶Binks, Frank .. .. .. | 11, Athlone Terrace, Armley, Leed |
| 4909 | Oct. 1906 | *Binns, Maurice Alfred .. .. | 29A, Hamlet Court Road, Westcli on-Sea. |
| 4910 | Oct. 1906 | *Bird, Augustus Gordon .. .. | 10, Lincoln's Inn Fields, W.C.2. |
| 8427 | Oct. 1921 | *¶Bird, Stanley Parker .. | 21, Southwold Mansions, Maida Val W.9. |
| 7051 | Oct. 1913 | *Biscoe, Robert Stafford .. | Fairview, Spur Tree P.O., Jamaic B.W.I. |
| 5405 | Oct. 1908 | *Bishop, Ernest William.. .. | 14A, Upper Hornsey Rise, N.19. |
| 5076 | Feb. 1907 | *¶Bishop, Horace Stanley Charles | 44, Flanders Road, Bedford Par W.4 (Middlesex). |
| 9328 | Oct. 1924 | *¶§Bishop, William Thomas .. | 5, Great College Street, Westminste S.W.1. |
| 4911 | Oct. 1906 | *Bisley, Claude Vivian .. .. | South Lodge, Montana Road, Wir bledon. |
| 9170 | Oct. 1923 | *¶Bisley, Donald Walter .. | 14, Bromley Common, Kent. |
| 6523 | Oct. 1912 | *Black, Ernest .. .. .. .. | City Engineer's Dept., Municip Buildings, Leeds. |
| 7052 | Oct. 1913 | *¶Blackburn, Edgar .. .. .. | Acre House, Walmer Road, Birkda Lancashire. |
| 8428 | Oct. 1921 | *¶Blackburn, Lionel Charles | Municipal Offices, Raine Street Wapping, E.1. |
| 4578 | Feb. 1905 | *Blake, Alfred Eveleigh .. | c/o Messrs. C. F. Taylor & Co., Horl Surrey. |
| 6524 | Oct. 1912 | *Blake, John Patrick .. .. | Surveyor's Office, Council Hou Hounslow, Middlesex. |
| 9329 | Oct. 1924 | *¶Blake, Walter John Hyde | Luston, near Leominster, Herefo shire. |
| 6525 | Oct. 1912 | *Blanchard, Louis Matthew .. | Council Offices, Whitby. |
| 7681 | Nov. 1916 | *¶Bland, Robert Lionel .. .. | 16, Nassau Road, Barnes, S.W.13. |
| 8139 | Oct. 1920 | *¶Blanks, Arthur Albert .. | 68, Mount Pleasant Lane, Up Clapton, E.5. |
| 7781 | Nov. 1918 | *¶Bleakley, James Franklin, Capt. | Ashlea, Church Road, Flixton, n Manchester. |
| 4371 | Oct. 1904 | *Blessley, Victor Henry.. .. | Finchley Road Station, L.and N.W.R Hampstead, N.W. |

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|---|---|---|---|
| 782 | Nov. 1918 | *¶BLETSOE, THOMAS HENRY.. .. | Thrapston, Northants. |
| 9171 | Oct 1923 | *¶§BLISS, JOHN LESLIE .. .. | Chesleigh, Presburg Road, New Malden, Surrey. |
| 793 | Oct. 1901 | *¶BLISS, THEODORE STEPHEN .. | Bedford Office, Tavistock. |
| 8330 | Oct. 1924 | *¶BLISSETT, FRANK CHARLES .. | 39, Idlecombe Road, Tooting, S.W.17. |
| 528 | Oct. 1912 | *¶BLOORE, HARRY GROSVENOR.. | 83, Greenfield Road, Harborne, Birmingham. |
| 407 | Oct. 1908 | *¶BLOW, THOMAS BERTRAM .. .. | The Vale, Blackheath, S.E. |
| 783 | Nov. 1918 | *¶BLOWEN, FREDERICK EDWARD VIVIAN, CAPT. .. .. .. | 559, Chepstow Road, Newport, Mon. |
| 8429 | Oct. 1921 | *¶BLYTH, CHARLES KYDD .. | 110A, Northview Road, Hornsey, N.8 (Middlesex). |
| 646 | Oct. 1900 | *BLYTH, HAROLD KING .. .. | Superintending Chief Engineer's Dept., H.M. Dockyard, Devonport. |
| 8430 | Oct. 1921 | *¶BOARDMAN, HAROLD WILLIAM | Hornsea U.D.C., Public Rooms, Hornsea, Yorks. |
| 9140 | Oct. 1920 | *¶BOARDMAN, JOHN WILBERFORCE .. .. .. .. .. | Redroofs, Histon, Cambridgeshire. |
| 7053 | Oct. 1913 | *¶BOAST, CHARLES ERIC, M.C., A.M.I.C.E. | Borough Surveyor's Office, Town Hall, Darlington. |
| 3373 | Oct. 1904 | *BODEN, HARROLD CASSWELL .. | Raidang, Great Bookham, Surrey. |
| 784 | Nov. 1918 | *¶BODY, PELHAM TERRY COOPER | 22, The Forbury, Reading. |
| 7472 | Feb. 1914 | *BOLLAM, MAX .. .. .. .. | Bessborough Estate, Bellini, Piltown, Co. Kilkenny. |
| 7054 | Oct. 1913 | *¶BONE, HUGH .. .. .. .. | Borough Surveyor's Office, Southend-on-Sea. |
| 7055 | Oct. 1913 | *BOON, ERNEST GEORGE FREDERICK .. .. .. .. | The Woodlands, Dorchester. |
| 8431 | Oct. 1921 | *¶BOOTH, HAROLD ALMGILL .. | 58, Northumberland Avenue, Gosforth, Newcastle. |
| 7056 | Oct. 1913 | *¶BOOTH, HOWARD EDWIN .. .. | 17, Holmwood Gardens, Church End, Finchley, N. (Middlesex). |
| 8532 | Oct. 1912 | *¶BORLAND, JOHN CAMPBELL .. | Renfield Kirn, Argyllshire. |
| 3078 | Oct. 1896 | *BOSHER, VICTOR EVANS .. .. | 40, Wellington Road, St. John's Wood. |
| 7057 | Oct. 1913 | *BOSTON, WILLIAM THOMAS .. | c/o Messrs. Hilbery & Co., 49, Leadenhall Street, E.C.3. |
| 4914 | Oct. 1906 | *BOTT, WILLIAM ALFRED .. .. | Deputy Borough Surveyor, Town Hall, Stoke-on-Trent. |
| 8533 | Oct. 1912 | *¶BOTTOMLEY, BENJAMIN GREEN.. | 20, Edna Street, Crumpsall, Manchester. |
| 8955 | Oct. 1922 | *¶BOURKE, GEOFFREY JOHN .. | Monycrower, Maidenhead, Berks. |
| 7058 | Oct. 1913 | *BOURNE, HARRY GORDON.. .. | 132, Station Road, Wylde Green, Birmingham. |

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|---|---|---|---|
| 5408 | Oct 1908 | *Bourne, James Robert Wykeham | Eleanor Cottage, Chalfont St. Peter, Bucks. |
| 6171 | Oct. 1911 | *Boustred, Hubert William .. | 80, Hanley Road, Stroud Green, N.4 (Middlesex). |
| 7586 | Oct. 1915 | *¶Bowen, Alexander .. .. .. | |
| 5629 | Oct. 1909 | *¶Bower, Thomas Hawkesley .. | c/o Messrs. Entreprises Somerville, 29, Avenue de l'Opera, Paris. |
| 7527 | Oct. 1914 | *¶Bowes, Alfred Stanley .. .. | North Holme, Whitburn, Sunderland. |
| 7059 | Oct. 1913 | *Bowes, Arthur Alker .. .. | 21, Imperial Chambers, 62, Dale Street, Liverpool. |
| 4635 | Oct. 1905 | *Bowes, Osborne Johnstone .. | 25, New Bridge Street, Newcastle-on-Tyne. |
| 7060 | Oct. 1913 | *¶Bowie, Alexander, Jun... .. | 4, Glebe Avenue, Kilmarnock, Ayrshire. |
| 6534 | Oct. 1912 | *Bowker, Harold Walter .. | Surveyor-General's Office, Kingston, Jamaica, B.W.I. |
| 8433 | Oct. 1921 | *¶Bowker, William Edward | 32, Dumbarton Road, Lancaster. |
| 7062 | Oct. 1913 | *¶Bowling, Peter James .. .. | Auction Rooms, Benfleet, Essex. |
| 8434 | Oct. 1921 | *¶Bowman, John Leslie .. | c/o Messrs. Babbs and Labdon, The Rhodes Building, St. George's Street, Cape Town, South Africa. |
| 5883 | Oct. 1910 | *¶Bowtell, William Edgar .. | 76, Newton Street, Piccadilly, Manchester. |
| 9331 | Oct. 1924 | *¶Bowyer, Charles Percival | 18, Lansdowne Avenue, Slough, Bucks. |
| 9172 | Oct. 1923 | *¶§Bowyer, Edward Barry .. | Carisbrooke House, The Avenue, Beckenham, Kent. |
| 6535 | Oct. 1912 | *Box, Stephen Thomas .. .. | c/o E. Fletcher, Underwood Business College, St. George's Terrace, Perth, W. Australia. |
| 7063 | Oct. 1913 | *Boydell, Frank Louis .. .. | 85, St. Helen's Road, Leigh, Lancs. |
| 7064 | Oct. 1913 | *¶Boyne, William .. .. .. | Burgh Surveyors' Office, Town House Aberdeen. |
| 4375 | Oct. 1904 | *Boyton, Frank Alric .. .. | 9, Quality Court, Chancery Lane W.C.2. |
| 8143 | Oct. 1920 | *¶Brackett, Frederick John Newbegin | c/o Brackett & Sons, 27 to 29, High Street, Tunbridge Wells. |
| 6536 | Oct. 1912 | *¶Brameld, Henry Creswick Wilson | Royal Engineers' Office, 45, Friar Gate, Derby. |
| 5409 | Oct. 1908 | *Bray, Edwin .. .. .. .. | Town Street, Stanningley, Leeds. |
| 4579 | Feb. 1905 | *¶Bray, Jocelyn .. .. .. .. | Southend, Ockham, Surrey. |
| 7786 | Nov 1918 | *Brayshaw, Henry Harcourt | 16, Fore Street, Kingsbridge, S. Devon. |
| 8957 | Oct. 1922 | *¶Breach, Alan Charles Egerton .. .. .. .. | 29, Fleet Street, E.C.4. |

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|---|---|---|---|
| 4876 | Oct. 1904 | *Brebner, Robert Frederick.. | Monreith Estate Office, Whauphill, Wigtownshire. |
| 5537 | Oct. 1912 | *¶Breton, Bertram Walter Frederick .. .. .. .. | 153, Cheapside, E.C. |
| 4917 | Oct. 1906 | *Brettell, Charles Bandon .. | Little Hill, Boxmoor, Herts. |
| 5958 | Oct. 1922 | *¶Brewer, Francis Henry James | c/o Messrs. Newbon & Shephard, 274-275, Upper Street, Islington, N.1. |
| 7066 | Oct. 1913 | *Bridger, Alexander Guillan | Lulworth, Grimsdell's Lane, Amersham, Bucks. |
| 4918 | Oct. 1906 | *¶Bridger, Arthur Edward .. | Greywell, Winchfield, Hampshire. |
| 5959 | Oct. 1922 | *¶§Bridges, Archibald .. .. | Institute for Research in Agric. Economics, Parks Road, Oxford. |
| 5885 | Oct. 1910 | *¶Brigden, William Ernest .. | 8, Worthy Lane, Winchester. |
| 6004 | Oct. 1919 | *¶Brigg, John Haggas .. .. | Southburn, Driffield, E. Yorks. |
| 5117 | Oct. 1907 | *Briggs, Alfred Denbigh .. | New County Hall, S.E.1. |
| 6144 | Oct. 1920 | *¶Briggs, George James, Junr. | Chantreys, East Horsley, Surrey. |
| 1374 | Feb. 1887 | *Briggs, John .. .. .. .. | 36, Tooting Bec Gardens, Streatham, S.W. |
| 7787 | Nov. 1918 | *Brimmell, William Langdon | c/o Messrs. Cox & Co., Bombay, India. |
| 7067 | Oct. 1913 | *Brissenden, Charles Cooper | Butts, Cousley Wood, Wadhurst, Sussex. |
| 7068 | Oct. 1913 | *Brittain, Frank .. .. .. | 11, Park Road, Chiswick, W. (Middlesex). |
| 7788 | Nov. 1918 | *¶Britton, Bernard Charles .. | The Nook, Coleys Lane, Northfield, Birmingham. |
| 5538 | Oct. 1912 | *¶Broad, Frederic Arthur .. | 3, Prospect Place, Swansea, S. Wales. |
| 5539 | Oct. 1912 | *Broadhead, Charles Alfred | Architect's Dept., St. George's Hall, Rotherham. |
| 6006 | Oct. 1919 | *Brockelbank, Colin Turner Seymour | Elm Lodge, The Glebe, Blackheath, S.E.3. |
| 7069 | Oct. 1913 | *Brodie, Matthew Scott.. .. | Burgh Surveyor, Troon, N.B. |
| 6145 | Oct. 1920 | *¶§Brooks, John Thomas .. | 39, Sebert Road, Forest Gate, E.7 (Essex). |
| 3516 | Oct. 1899 | *Brooks, William Nathaniel.. | Estate Office, Batsford, Moreton-in-Marsh, Glos. |
| 7789 | Nov. 1918 | *Brooksbank, Robert .. .. | 5, Alma Grove, Basford Park, Stoke-on-Trent. |
| 3491 | Feb. 1899 | *¶Brown, Arthur Frederick .. | 11, Little College Street, Westminster, S.W. |
| 4921 | Oct. 1906 | *¶§Brown, Charles George .. | Launceston Lodge, Chorley Wood West, Herts. |
| 6173 | Oct. 1923 | *¶Brown, Clifford .. .. .. | Albion House, Hall Cross, Doncaster. |

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| 7071 | Oct. 1913 | *¶†Brown, Edgar Oswald .. | 6, Russell Gardens, Golders Green, N.W.4. |
| 6542 | Oct. 1912 | *¶Brown, Edward James.. .. | 5, North Terrace, Cherryhinton, Cambridge. |
| 8146 | Oct. 1920 | *¶Brown, Edward Walter William | Erlstoke, Woodhouse Road, N.12 (Middlesex). |
| 8435 | Oct. 1921 | *¶Brown, Egerton Edward Morris .. .. .. .. .. | 89, Windsor Road, Penarth, Glam. |
| 8436 | Oct. 1921 | *¶Brown, Francis Harold Pritchett .. .. .. .. | c/o B.C.A. Co., Limbe, Nyasaland, Africa. |
| 8437 | Oct. 1921 | *¶Brown, Frank .. .. .. | c/o Messrs. Herring, Son & Daw, 100c, Queen Victoria Street, E.C.4. |
| 5632 | Oct. 1909 | *Brown, George Macdonald .. | Okeford, Tring, Herts. |
| 3796 | Oct. 1901 | *Brown, John, Lieut.-Colonel | 83, St. Giles Street, Northampton. |
| 6544 | Oct. 1912 | *¶Brown, Leonard John, A.R.I.B.A. | Old County Hall, Spring Gardens, S.W. |
| 9174 | Oct. 1923 | *¶Brown, Percival Wilsdon | Coate, Swindon, Wilts. |
| 6177 | Oct. 1911 | *Brown, Thomas Stanley .. | Dalkey, Ballbrook Avenue, Withington, Manchester. |
| 5413 | Oct. 1908 | *¶Brown, William Alfred.. .. | The Willows, Gunville, Carisbrooke, I. of W. |
| 2626 | Feb. 1894 | *Brown, William Lobin Trant | 332, High Road, Kilburn, N.W. |
| 9175 | Oct. 1923 | *¶Browne, Ellis Geoffrey .. | 12, Colston Street, Bristol. |
| 9332 | Oct. 1924 | *¶Browne, Ronald Edwin James .. .. .. .. .. | 44, Church Road, Wimbledon, S.W.19 |
| 3650 | Oct. 1900 | *Browning, Egbert George .. | 89, Orford Road, Walthamstow, E (Essex). |
| 2656 | Oct. 1894 | *Bruce, Alexander David .. | The Pines, Fleet, Hants. |
| 6545 | Oct. 1912 | *Bruce, Reginald .. .. .. | Town Hall, Manchester. |
| 8147 | Oct. 1920 | *¶Brunt, Frank, Capt. .. .. | c/o Lambert & Lambert, 32, Queen Victoria Street, Reading. |
| 4639 | Oct. 1905 | *¶Bruzaud, Sidney John .. .. | 25, Corringham Road, Golders Green, N.W.11 (Middlesex). |
| 3652 | Oct. 1900 | *Bryan, Arthur .. .. .. .. | 153, Albert Road, Stechford, Birmingham. |
| 5889 | Oct. 1910 | *¶Bryans, Maurice Edward .. | c/o Banco Español del Rio de la Plata, San Sebastian, Spain. |
| 7072 | Oct. 1913 | *Buck, Edward Martin, M.C. | 29, Droitwich Road, Worcester. |
| 944 | May 1883 | Buckland, William Thomas .. | Rosendale, Wraysbury, Staines. |
| 3799 | Oct. 1901 | *Buckley, Alfred Eustace .. | 11, Clifton Street, Lytham. |
| 8007 | Oct. 1919 | *¶§Buckley, Cyril Hugh .. .. | 22, Clyde Road, Alexandra Park, N.22 (Middlesex). |
| 4547 | Oct. 1912 | *Buckmaster, Herbert Hambleton | Norbury-Smith & Co., 5, George Street, W.1. |
| 9176 | Oct. 1923 | *¶Budgen, Edward Ralph .. | 95, St. Mary Street, Cardiff. |

† Special Sanitary Science Diploma.

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| 8960 | Oct. 1922 | *¶Budgen, Harold Victor .. | 16, Wigram Road, Wanstead, E. (Essex). |
| 3801 | Oct. 1901 | *Bull, Thomas Henry .. .. | London County Council, Architect's Department, S.E.1. |
| 9177 | Oct. 1923 | *¶Bull, Walter, Edward Avenon .. .. .. .. .. | 60, Hazlewell Road, Putney, S.W.15 |
| 4640 | Oct. 1905 | *Bullock, Burnett .. .. .. | Milburn House, Mitcham, Surrey. |
| 8148 | Oct. 1920 | *¶Bulstrode, Charles Leonard | 13, Stour Road, Christchurch, Hants. |
| 6180 | Oct. 1911 | *¶Bumpstead, Albert Dennis .. | 70, Heath Gardens, Twickenham, Middlesex. |
| 4923 | Oct. 1906 | *Bunting, Alfred Henry.. .. | 14, Morden Road, Stechford, Birmingham. |
| 6181 | Oct. 1911 | *¶Burford, James Alfred Heath | Surveyor's Office, Bromsgrove U.D.C. Worcestershire. |
| 4143 | Oct. 1903 | *¶Burge, Arthur John .. .. | 31, St. John's Hill, Clapham Junction, S.W.11. |
| 7073 | Oct. 1913 | *¶Burge, Gilbert Alban .. .. | c/o Mr. Eyles of Messrs. Sinnott & Son, 12, Broad Street, Bristol. |
| 9178 | Oct. 1923 | *¶Burgess, Haydn Mervyn Rhys | 29, Richard Street, Cilfynydd, Pontypridd, Glam. |
| 9179 | Oct. 1923 | *¶Burgess, Robert Coleman | 39, Strand Street, Sandwich, Kent. |
| 9333 | Oct. 1924 | *¶Burgess, Samuel Hobson .. | 110, Cross Street, Sale, Manchester. |
| 7790 | Nov. 1918 | *¶Burkitt, Cecil .. .. .. | 26, Corsica Street, Highbury, N. |
| 5414 | Oct. 1908 | *Burn-Callander, Cuthbert .. | The Cottage, Barford, Warwick. |
| 7791 | Nov. 1918 | *¶Burnett, Andrew Stuart .. | 2, High Street, Southampton. |
| 8149 | Oct. 1920 | *¶Burnett, Donald .. .. .. | 91, Ryelands Street, Hereford. |
| 8150 | Oct. 1920 | *¶Burnett, William John Felix | "Fairmead," Beaulieu Villas, Finsbury Park, N.4 (Middlesex). |
| 7074 | Oct. 1913 | *Burrell, Frank .. .. .. | 22, Ship Street, Brighton. |
| 5435 | Oct. 1909 | *¶Burrows, Edward Crawford, Major, M.C. | Messrs. Toplis & Harding, 28, Old Jewry, E.C.2. |
| 4645 | Oct. 1905 | *Burstal, Arthur Cyril.. .. | 3, Lancaster Place, Strand, W.C.2. |
| 4144 | Oct. 1903 | *¶Burstow, Ralph Henry .. .. | 43, Station Road, Bexhill-on-Sea. |
| 7075 | Oct. 1913 | *¶Burt, Douglas Allan .. .. | Coastal Area H.Q., W. & B. Dept., R.A.F., 33-34, Tavistock Square, W.C.1. |
| 9151 | Oct. 1920 | *¶Burt, Walter Leslie .. .. | Penland, Steyning, Sussex. |
| 9152 | Oct. 1920 | *¶Burton, Ernest .. .. .. | Hurst Lea, First Avenue, Broadway, Blackpool. |
| 3882 | Oct. 1904 | *Burton, George Frederick .. | 33, Coleridge Walk, Golders Green, N.W.11. |
| 9439 | Oct. 1921 | *¶Burton, Reginald John Croft | c/o The City of London Real Property Co., 159, Fenchurch Street, E.C. |
| 7076 | Oct. 1913 | *Burton, Walter William .. | 45, Fenchurch Street, E.C. |
| 8961 | Oct. 1922 | *¶Bush, Arthur Brinsley .. | c/o The Estates Offices, Lewes, Sussex. |

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| 9180 | Oct. 1923 | *¶BUSH, DENNIS GEORGE .. | c/o Messrs. Powell & Co., The Esta Offices, Lewes. |
| 9334 | Oct. 1924 | *¶BUTLER, ALFRED GEORGE .. | Imperial War Graves Commission, Works Dept. (Survey), Chateau de la Tour, Longuenesse, St. Omer, France. |
| 5124 | Oct. 1907 | *BUTLER, ARTHUR STANLEY .. | 256, Edward Road, Balsall Heath, Birmingham. |
| 5637 | Oct. 1909 | *BUTLER, REGINALD .. .. .. | Clyde House, 51, Romford Road, Stratford, E. (Essex). |
| 5125 | Oct. 1907 | *¶BUTLER, THOMAS LIONEL .. .. | 8, Henrietta Street, Covent Garden, W.C.2. |
| 7077 | Oct. 1913 | *¶BUTLIN, HENRY SELWYN .. | 27, St. Johns Road, March, Cambridge shire. |
| 9181 | Oct. 1923 | *¶BUTT, STANLEY GEORGE .. | 8, Landscape View, Saffron Walden, Essex. |
| 5893 | Oct. 1910 | *BUTTERFIELD, HENRY AMBLER, MAJOR, A.M.I.C.E. | R.E.'s Office, Tolworth, near Surbiton, Surrey. |
| 4926 | Oct. 1906 | *BUTTRICK, WALTER HAMMOND.. | Bank Chambers, 109, High Street, Scunthorpe, Lincs. |
| 6551 | Oct. 1912 | *¶BYRON, EDMUND MOORE .. .. | c/o E. S. Cox, Esq., Beechlands, York. |
| 7078 | Oct. 1913 | *¶BYWATERS, STEWART FRANK .. | Mayes Place, Warlingham, Surrey. |
| 9335 | Oct. 1924 | *¶CAINES, HAROLD JOHN .. .. | Surveyors' Dept., L.N.E. Rly. (Southern Area), 72, Hamilton House, Bishopsgate, E.C.2. |
| 8905 | Jan. 1922 | ¶CALDWELL, FRED .. .. .. | 11, Lanville Road, Aigburth, Liverpool. |
| 9182 | Oct. 1923 | *¶CALLAN, JAMES WILSON .. | Village View, Burnage Lane, Didsbury, Lancs. |
| 4927 | Oct. 1906 | *CALLF, GEORGE STUART .. .. | Mill Lodge, Seaford, and c/o Stuart Callf & Co., Terminus Buildings, Seaford, Sussex. |
| 8153 | Oct. 1920 | *¶CALVERLEY, GEORGE .. .. | 1, West View, Newton Hill, near Wakefield. |
| 7082 | Oct. 1913 | *CAMERON, CHARLES GRANT .. | Brae Cottage, Hopeman, Morayshire. |
| 8154 | Oct. 1920 | *¶§CAMERON, DONALD.. .. .. | 32, Egerton Gardens, Ealing, W.13 (Middlesex). |
| 8008 | Oct. 1919 | *¶CAMERON, ROBERT .. .. .. | Argyll County Education Authority, Dunoon, Scotland. |

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|---|---|---|---|
| 3359 | Oct. 1898 | *CAMPBELL, CHARLES HOWARD .. | Pickering Road, Thornton Dale, Yorks. |
| 3441 | Oct. 1921 | *¶CAMPBELL, CYRIL HERBERT .. | Richmond Cottage, Slindon, Sussex. |
| 9336 | Oct. 1924 | *¶CAMPBELL, IAN ROY .. .. | Blatchcombe, Chilworth, near Guildford. |
| 3543 | Oct. 1921 | *¶CAMPBELL-JONES, OWEN .. | Skinners' Hall, 9, Dowgate Hill, Cannon Street, E.C. |
| 7083 | Oct. 1913 | *CAPE, JAMES DUNCAN .. .. | County Buildings, Dunfermline. |
| 5895 | Oct. 1910 | *¶CAPPER, WILLIAM .. .. .. | Valuation Office, Inland Revenue, Union Street Chambers, Coventry. |
| 3155 | Oct. 1920 | *¶CARLESS, JAMES KINGDON .. | 11, Old Queen Street, Westminster, S.W.1. |
| 7084 | Oct. 1913 | *CARNABY, HAMMOND RIDLEY, A.M. MUN. and C.E. | 12, Weolay Hill, Selly Oak, Birmingham. |
| 9337 | Oct. 1924 | *¶CARPENTER, EDWARD ROBERT | 128, Culford Road, De Beauvoir Town, N.1. |
| 9338 | Oct. 1924 | *¶CARPENTER, GEORGE LESTER | 85, Maidstone Road, Rochester. |
| 3156 | Oct. 1920 | *¶CARPENTER, GEORGE THOMAS, M.C., A.M.I.C.E. | W. Riding Surveyors' Department, County Hall, Wakefield. |
| 5415 | Oct. 1905 | *¶CARPENTER, ROBERT HENRY .. | "Parkwood," St. Swithuns Terrace, Lewes. |
| 9183 | Oct. 1923 | *¶CARR, EDWIN .. .. .. .. | Town Hall, Uttoxeter, Staffs. |
| 3360 | Oct. 1898 | *¶CARR, HERBERT FRANCIS .. | 52, Golders Green Road, N.W.4 (Middlesex). |
| 3186 | Oct. 1911 | *¶CARR, RANDLE WILLIAM, M.R.A.C. | Ministry of Agriculture and Fisheries, 10, Whitehall Place, S.W.1. |
| 3442 | Oct. 1921 | *¶CARTER, CHARLES .. .. .. | Estate & Valuation Dept., L.C.C., Old County Hall, Spring Gardens, S.W.1. |
| 3962 | Oct. 1922 | *¶CARTER, CHARLES CROMWELL | The Cottage, Wenvoe, near Cardiff. |
| 7086 | Oct. 1913 | *CARTER, GEORGE RALPHS .. .. | District Valuer's (County) Office, Upper Parliament Street, Nottingham. |
| 3157 | Oct. 1920 | *¶CASELEY, JOHN REGINALD, B.Sc. Eng. (*Lond.*) .. .. .. | Asst.-Engineer, P.W.D., Singapore. |
| 4929 | Oct. 1906 | *¶CASS, ALEXANDER JAMES .. .. | 46, Hardy Road, Westcombe Park, S.E. |
| 5128 | Oct. 1907 | *CASTELL, DOUGLAS CHARLES .. | 2, Pont Street, Belgrave Square, S.W. |
| 7088 | Oct. 1913 | *CATCHPOLE, WILLIE DAVID .. | The Cottage Mill House, Great Barton, Bury St. Edmund's. |
| 3443 | Oct. 1921 | *¶§CATHRALL, LEONARD GWILT.. | Asst.-County Surveyor, Church Street, Liskeard, Cornwall. |
| 3803 | Oct. 1901 | *CATLEUGH, WILLIAM DENZIL .. | 14, Rosevine Road, Cottenham Park, West Wimbledon, S.W. (Surrey). |
| 3158 | Oct. 1920 | *¶CATON, WILFRED ABRAHAM .. | 30, Vicarage Gardens, Seven Kings, Essex. |

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|---|---|---|---|
| 6553 | Oct. 1912 | *CATTLIN, OSMOND, A.M.I.C.E. .. | Borough Engineer, Lambeth Town Hall, Brixton, S.W.2. |
| 8963 | Oct. 1922 | *¶CAUSLEY, SAMUEL .. .. .. | 124, Evering Road, Stoke Newington, N.16. |
| 9184 | Oct. 1923 | *¶CAVE, ALEXANDER MELVILLE... | St. James' Vicarage, Handsworth, Staffs. |
| 9389 | Oct. 1924 | *¶CHADWICK, JOHN BERTRAM .. | The Hollies, Darley Abbey, near Derby. |
| 7091 | Oct. 1913 | *¶CHADWICK, SAMUEL MOORE .. | 47, South Eastern Road, Ramsgate. |
| 1572 | Jan. 1889 | *CHALCRAFT, HENRY TERRELL .. | 35, New Broad Street, E.C. |
| 7793 | Nov. 1918 | *¶CHALLICE, JOHN .. .. .. .. | 7, Bedford Circus, Exeter. |
| 5638 | Oct. 1909 | *¶CHAMBERLAIN, BENJAMIN .. .. | "Pendennis," Sherwood Park Road, Sutton, Surrey. |
| 4650 | Oct. 1905 | *CHAMBERLAIN, HARRY SAMUEL.. | 91, St. Andrew's Road, Southsea, Hants. |
| 9340 | Oct. 1924 | *¶CHAMBERLAIN, NORMAN VINCENT | 119, Albion Road, Stoke Newington, N.16. |
| 7794 | Nov. 1918 | *¶§CHAMBERLAIN, REGINALD PERCY, CAPT., M.C. .. .. | 23, Fosse Road Central, Leicester. |
| 6554 | Oct. 1912 | *CHAMBERLAIN, THOMAS CHANDLESS | The Limes, Takeley, near Bishop's Stortford, Herts. |
| 8159 | Oct. 1920 | *¶CHAMBERLAIN, WALTER ERNEST | 19, Lingwood Road, Spring Hill, Clapton Common, E.5. |
| 9185 | Oct. 1923 | *¶CHAMBERS, HOLROYD FERRIS | Shewglie, Welwyn Garden City, Herts. |
| 7092 | Oct. 1913 | *CHAMBERS, JOHN FRANCIS.. .. | 4, Belgravia, Goole, Yorks. |
| 5129 | Oct. 1907 | *¶CHAMPION, WILLIAM HALL.. .. | Woodville, Pitsmoor, Sheffield. |
| 8906 | Jan. 1922 | CHANDLER, ERNEST HERBERT | Mount Pleasant, Overhill Road, Dulwich, S.E.22. |
| 5639 | Oct. 1909 | *CHANT, ARTHUR GUY .. .. .. | 274, Warwick Road, Carlisle. |
| 6556 | Oct. 1912 | *¶CHAPMAN, DONALD LE CRONIER | Room 77, Valuation Office, Lincoln's Inn Fields, W.C.2. |
| 8444 | Oct. 1921 | *¶CHAPMAN, FREDERICK MONTAGUE .. .. .. .. .. | West Dean, Chichester. |
| 6188 | Oct. 1911 | *¶CHAPMAN, RICHARD THWAITE, A.R.I.B.A. | Highrigg, Eastbourne Grove, Heaton, Bolton. |
| 1006 | Dec. 1883 | CHAPMAN, VAUGHAN GODFREY ST. JOHN | 1, Laurel Road, Hatfield Road, St. Albans, Herts. |
| 8160 | Oct. 1920 | *¶CHAPPELL, JOHN .. .. .. | St. Clair, Harboro Road West, Ashton-on-Mersey. |
| 4385 | Oct. 1904 | *CHAPPLE, JOHN GRADDON.. .. | Torrington House, Sandy Lane South, Wallington, Surrey. |
| 7094 | Oct. 1913 | *CHARITY, FREDERICK WILLIAM | Glencoe, Woodside Avenue, Esher, Surrey. |
| 5643 | Oct. 1909 | *CHARLES, JOHN ACHESON .. .. | 82, Park Drive, Barrow-in-Furness. |
| 3767 | Feb. 1901 | *CHARLES, MICHAEL THOMAS, B.A. (*Cantab.*) .. .. .. .. .. | Fruitlands, Eynsham, Oxon. |

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|---|---|---|---|
| 4 | Oct. 1922 | *¶Charman, Francis Eric .. | St. Annes, College Hill, Haslemere, Surrey. |
| 5 | Oct. 1903 | *Chartres, Frederick William Charles | Whitehall, Willingham, Beccles, Suffolk. |
| 8 | Oct. 1912 | *Cheesewright, Ernest .. .. | 102, Wormholt Road, Shepherds Bush, W.12. |
| 6 | Oct. 1913 | *Cheesman, George .. .. | 6, Hawkeswood Crescent, Kirksall, Leeds. |
| 5 | Oct. 1921 | *¶Chenevix-Trench, Hugo .. | Knott Park, Oxshott, Surrey. |
| 0 | Oct. 1912 | *¶Chennels, Arthur John.. .. | c/o Wilkinson, Son & Welch, 170, North Street, Brighton. |
| 6 | Oct. 1921 | *¶Cherry, Albert Edwin .. | 12, Alma Terrace, Fulford Road, York. |
| 7 | Oct. 1921 | *¶Chessor, George Clinton .. | Estate Office, Drummuir, Keith, N.B. |
| 5 | Oct. 1922 | *¶Chesterman, Arnold de Merveilleux | B.M.S. Yakusu, Haut Congo, Belge, West Central Africa. |
| 1 | Oct. 1907 | *Chew, Percival Thomas.. .. | Borough Surveyor's Office, Town Hall, Paddington, W. |
| 7 | Oct. 1904 | *Chew, Richard, Major .. | 47, Cathcart Road, S. Kensington, S.W.10. |
| 9 | Oct. 1911 | *¶Cheyne, Alexander .. .. | Durham County Council, Sedgefield, Ferryhill, Durham. |
| 5 | Oct. 1909 | *Chilcott, Arthur Samuel Fairweather | 16, Hanover Street, Hanover Square, W. |
| 9 | Nov. 1892 | *Child, Charles .. .. .. .. | Slinfold, near Horsham, Sussex. |
| 6 | Dec. 1888 | *Child, Edmund Herbert, A.R.I.B.A. .. .. .. .. .. | 12, Middle Pavement, Nottingham. |
| 0 | Feb. 1906 | *Child, George Malcolm .. .. | 66, High Street, Harrow-on-the-Hill. |
| 6 | Oct. 1922 | *¶Chilton, Arthur Francis .. | 7, Langholm Crescent, Darlington. |
| 8 | Oct. 1897 | *Chipp, George .. .. .. .. | 28-30, London Street, Greenwich, S.E.10. |
| 0 | Oct. 1899 | *Church, Geoffrey Redmore .. | |
| 1 | Oct. 1924 | *¶Clare, Joseph .. .. .. | 186, Ampthill Road, Bedford. |
| 2 | Oct. 1924 | *¶§Clark, Albert Edward .. | 24, Addiscombe Court Road, Croydon, Surrey. |
| 2 | Oct. 1911 | *¶Clark, Alexander Neilson .. | Architects Office, 21, Lombard Street, E.C. |
| 1 | Feb. 1908 | *Clark, Charles Fowler .. .. | 44A, Wellington Road, St. John's Wood, N.W. |
| 3 | Oct. 1911 | *Clark, Charles Walter.. .. | The Cottage, Meath Green, Horley, Surrey. |
| 1 | Oct. 1905 | *¶Clark, Cuthbert Harvey .. | 8, New Cavendish Street, W. |
| 6 | Oct. 1903 | *¶Clark, Herbert.. .. .. .. | 47, Mecklenburgh Square, W.C.2. |
| 3 | Oct. 1905 | *¶Clark, Louis Van .. .. .. | c/o F. Butcher, 7, Tressillian Crescent, St. John's, S.E. |

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|---|---|---|---|
| 6109 | Feb. 1911 | *¶Clark, Philip Lockhart .. .. | 28, Lochaker Street, Roath Pa Cardiff. |
| 6562 | Oct. 1912 | *¶Clark, Robert Charles.. .. | 30, Bedford Road, Harrow. |
| 7100 | Oct. 1913 | *Clark, William Campbell .. | Ruckley Estate Office, near Shifn Salop. |
| 6563 | Oct. 1912 | *Clark, William Ernest .. | 42, Alfred Street, Ripley, Derbyshi |
| 7797 | Nov. 1918 | *¶Clark, William George Austin, B.sc. .. .. .. | 24, Addiscombe Court Road, Croyd |
| 8967 | Oct. 1922 | *¶Clarke, Edward Jeffrey .. | c/o Messrs. Hughes & Norton, Co Street House, Bristol. |
| 6565 | Oct. 1912 | *¶§Clarke, Frank Harold.. .. | 9, Houghton Street, Southport. |
| 8448 | Oct. 1921 | *¶Clarke, Frederick Edward | Yew Tree Lodge, Feltham Hill Ro Ashford, Middlesex. |
| 6566 | Oct. 1912 | *Clarke, James Andrew .. .. | 39, Meldon Road, Longsight, Ma chester. |
| 8968 | Oct. 1922 | *¶§Clarke, Leonard Frederick | Higher Farm, Middle Chinnoc Crewkerne, Som. |
| 4655 | Oct. 1905 | *¶Clarke, Percy Christopher .. | Longthorpe, Peterborough. |
| 4656 | Oct. 1905 | *¶Clarke, Thomas Guy .. .. | 2, Palace Road, Llandaff, Glamorg shire. |
| 7103 | Oct 1913 | *¶Clarke, William Thomas .. | Crossley Buildings, 18A, South Cas Street, Liverpool. |
| 5902 | Oct. 1910 | ¶Clarkson, John.. .. .. .. | 74, Aberdour Road, Goodmaye Essex. |
| 6568 | Oct. 1912 | *Clayton, Joshua .. .. .. | High Row Chambers, Darlingto Durham. |
| 6956 | Feb. 1913 | *Clemens, William Cecil, A.M.I.C.E. | 103, Hodford Road, Golders Gre N.W.11 (Middlesex). |
| 8449 | Oct. 1921 | *¶Clemo, James .. .. .. | Glendale, Trewoon Road, St. Aust Cornwall. |
| 7104 | Oct. 1913 | *¶Clevely, Frank Davis .. | 14, Douglas Avenue, Wembley Middlesex. |
| 8969 | Oct. 1922 | *¶Cliffe, Tom Fairhurst .. .. | 96, Knavesmire Crescent, York. |
| 6569 | Oct. 1912 | *¶Clifton, Charles .. .. .. | 6, Clifton Road, Brighton. |
| 8970 | Oct. 1922 | *¶Clifton, Edward Noel .. | Finsbury House, Blomfield Stre E.C. |
| 8907 | Jan. 1922 | Clinch, E. A. .. .. .. .. | 8, Halliford Street, Canonbury, N. |
| 6196 | Oct. 1911 | *Clipson, Samuel .. .. .. | Surveyor's Dept., Municipal Offic Dyne Road, Kilburn, N.W (Middlesex). |
| 9343 | Oct. 1924 | *¶Clogg, Richard Wilkinson | Homefield, Derby Road, Sutt Surrey. |
| 4932 | Oct. 1906 | *Clough, Herbert Healey .. | 25, Fenton Street, Rochdale. |
| 7107 | Oct. 1913 | *¶Clough, William Howe .. .. | 8, Simonside Terrace, Heaton, Ne castle-on-Tyne. |

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|---|---|---|---|
| 8 | Nov. 1918 | *¶Coales, Herbert Wallis, Capt., M.C. | Ministry of Transport, Broad Street, Chambers, Easy Row, Birmingham. |
| 6 | Oct. 1923 | *¶§Coatman, William Francis | Charlton House, Masons Avenue, Croydon. |
| 0 | Oct. 1900 | *Cobb, Henry Alfred William | 44, Parklands Road, Streatham, S.W.16. |
| 1 | Oct. 1897 | *Cobbe, Henry Alexander .. | 10, Tower Street, Ipswich. |
| 8 | Oct. 1913 | *Cockerton, Arthur Edmund .. | County Surveyor, Oxford. |
| 2 | Oct. 1920 | *¶Coffin, Bertram Gilbert .. | Norfolk House, Norfolk Street, Strand, W.C.2. |
| 1 | Oct. 1919 | *¶Cogswell, Douglas Rupert .. | 38, Ophir Road, North End, Portsmouth. |
| 7 | Oct. 1911 | *Coigley, Harold Richard .. | 9, Kensington High Street, W.8. |
| 9 | Oct. 1901 | *Coker, Harry Reginald Ellis | 106, Peckham Rye, S.E.15. |
| 5 | Oct. 1902 | *Coker, Ralph Hector .. .. | c/o A. Edmunds & Co., Ltd., 29 & 30, High Holborn, W.C.1. |
| 9 | Nov. 1918 | *¶§Colbeck, Henry, a.r.i.b.a. .. | 14, Union Court, Old Broad Street, E.C.2., and 14, Grange Road, Ealing, W.5 (Middlesex). |
| 0 | Nov. 1918 | *¶Cole, Frederick William .. | Gatcombe, Ray Park Avenue, Maidenhead, Berks. |
| 1 | Oct. 1922 | *¶Cole, Joseph Charles .. .. | 31, Offley Road, Kennington, S.E. |
| 0 | Oct. 1913 | *¶Coleman, Cyril Frank .. .. | 1, Highbury Villas, Cotham, Bristol. |
| 3 | Oct. 1907 | *Collard, Percy William.. .. | 90, North Side, Wandsworth Common, S.W.18. |
| 3 | Oct. 1910 | *Collins, Isaac .. .. .. .. | The Hectorage, Tunbridge. |
| 4 | Oct. 1910 | *Collins, James Stanley .. .. | 31, High Street, Guernsey, Channel Islands. |
| 2 | Oct. 1922 | *¶Collins, Owen Hyman .. .. | 61, Old Broad Street, E.C.2. |
| 2 | Oct. 1919 | *¶Collins, Philip Howard .. | Broadstone, Grange Road, Bushey, Herts. |
| 0 | Oct. 1921 | *¶Collins, Sydney Herbert | 28, Linden Road, Shinfield, Reading. |
| 1 | Oct. 1913 | *Collins, William Richard .. | Council Offices, Ham, Surrey. |
| 3 | Oct. 1912 | *¶Colliver, Arthur Henry .. | King's African Rifles, Nairobi, East Africa. |
| 0 | Oct. 1903 | *Collyer, Charles Alexander Stewart .. .. .. .. .. | Toddington, Winchcombe, Glos. |
| 7 | Oct. 1923 | *¶Colyer, Charles Ernest .. | Arborfield, Beckenham Grove, Shortlands, Kent. |
| 0 | Oct. 1904 | *¶Commander, Charles Curtis.. | London and North Eastern Railway Co., Estate and Rating Dept., Liverpool Street Station, E.C.2. |
| 8 | Oct. 1923 | *¶Concanen, Tholen Alfred Hugh .. .. .. .. .. | 7, Bedford Row, W.C.1. |
| 8 | Oct. 1911 | *Conder, Alfred Rowland, f.r.i.b.a. | 42, Cecile Park, Crouch End, N.8 (Middlesex). |

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|---|---|---|---|
| 3524 | Oct. 1899 | *¶Cook, Edward Arthur .. .. | Leacroft, 3, St. Edmund's Roa Ipswich. |
| 3662 | Oct. 1900 | *Cook, Frederick Charles, D.S.O., M.C. | Ministry of Transport, Broad Str Chambers, Easy Row, Birmingha |
| 9344 | Oct. 1924 | *¶Cook, John Oliver (Junr.) .. | 1A, Eleanor Road, Woolwich, S.E. |
| 8451 | Oct. 1921 | *¶Cooke, Reginald Arthur .. | Crossfield House, Winsford, Cheshi |
| 9189 | Oct. 1923 | *¶Cooke, Richard Thomas .. | 18, Hurst Park, Pershore, Worcest shire. |
| 6363 | Oct. 1900 | *¶Cooke-Yarborough, Orfeur Frederic .. .. .. .. .. | Wensley House, Leyburn, Yorkshi |
| 8452 | Oct. 1921 | *¶Coombe, George Arnold .. | 26, Regent's Park Road, Glouces Gate, N.W.1. |
| 9190 | Oct. 1923 | *¶Cooper, Alan Bertram .. | Borough Surveyor's Office, Mansi House, Doncaster, Yorks. |
| 5135 | Oct. 1907 | *Cooper, Bertie .. .. .. | Borough Surveyor's Office, Town H Paddington, W. |
| 4392 | Oct. 1904 | *¶Cooper, Cecil Francis Adrian | c/o Messrs. Cox & Co., H. Dept., Charing Cross, S.W.1. |
| 4957 | Feb. 1913 | *¶Cooper, Francis William .. | 3, Wrightington Street, Wigan. |
| 6199 | Oct. 1911 | *¶Cope, Reginald, Capt., R.E. .. | c/o A. Rutter Sons & Co., 30, Abbe gate, Bury St. Edmund's. |
| 3367 | Oct. 1898 | *¶Cope, William George .. .. | 6, Old Quebec Street, Marble Arch, |
| 6200 | Oct. 1911 | *¶Corbett, William .. .. .. | 28, Arlington Street, Glasgow. |
| 4393 | Oct. 1904 | *Corble, Archibald Harrison .. | 6, Laurence Pountney Hill, Cann Street, E.C.4. |
| 4657 | Oct. 1905 | *¶Corfield, Arthur King .. .. | 1, Windsor Avenue, New Longt near Preston. |
| 8013 | Oct. 1919 | *¶Cork, Ronald John .. .. .. | Chasefield, Grove Road, Hava Hants. |
| 6201 | Oct. 1911 | *Cornell, William Arthur .. | c/o Messrs. Palmer & Turner, Archite and Surveyors, Hong Kong. |
| 4151 | Oct. 1903 | *Cornwell, William James .. | 5, Douglas Street, Vickerstown, Barro in-Furness. |
| 8973 | Oct. 1922 | *¶Cossar, Edgar Leslie .. .. | Park House, Station Road, Borro ash, near Derby. |
| 8453 | Oct. 1921 | *¶Cossham, Philip Raymond .. | 11, Cathedral Road, Cardiff. |
| 7802 | Nov. 1918 | *¶Cossins, Charles George .. | 413, Oxford Street, W.1. |
| 4394 | Oct. 1904 | *Cotching, George Frederick .. | 26, Chapel Road, Worthing. |
| 4152 | Oct. 1903 | *Cottam, Harry, A.M.I.C.E. .. | Resident Engineer, Fylde Wa Board, Hodder Valley Wor Dale Head, Clitheroe. |
| 8974 | Oct. 1922 | *¶Cotton, Arthur John Powell | 37, Woodberry Avenue, Winchm Hill, N.21 (Middlesex). |

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|---|---|---|---|
| 5 | Oct. 1922 | *¶Cottrall, Victor William .. | The Homestead, Rodney Road, New Malden, Surrey. |
| 4 | Oct. 1913 | *¶Coucher, Alfred Edwin Reneson .. .. .. .. .. | 27, Great Quebec Street, W.1. |
| 3 | Oct. 1911 | *Couldrey, Herbert Mill .. | Sunniva, Paignton, Devon. |
| 4 | Oct. 1911 | *Coulthard, Joseph .. .. .. | Dalston R.S.O., Cumberland. |
| 5 | Oct. 1913 | *Counsell, William Anderson | Union Valuer's Office, 160, Walker Street, Preston. |
| 5 | Oct. 1912 | *Cousins, Walter Horace.. .. | Eastover, Bridgwater. |
| 1 | Oct. 1908 | *Coventry, Bernard Seton .. | Burgate Manor, Fordingbridge, Hants. |
| 1 | Oct. 1915 | *¶Cover, George William, A.M.I.C.E. | Wayside, Wenallt Road, Rhiwbina, near Cardiff. |
| 2 | Oct. 1908 | *¶Covernton, Christopher Alan | 28, Fishpool Street, St. Albans. |
| 5 | Oct. 1921 | *¶Cowell, Arthur Edmund .. | Brookside, near Holmwood, Dorking, Surrey. |
| 6 | Oct. 1895 | *Cowell, Herbert Lee .. .. | Central Chambers, Newquay, Cornwall. |
| 3 | Oct. 1920 | *¶Cowley, Ernest Robert .. | 78, Gresham Road, Staines, Middlesex. |
| 8 | Oct. 1905 | *¶Cowley, Herbert Reginald .. | 24, High Street, Southend-on-Sea. |
| 1 | Oct. 1923 | *¶Cox, Albert Edward .. | Belmont, Robinson Road, Mapperley, Nottingham. |
| 9 | Oct. 1905 | *¶Cox, Douglas Harold .. .. | Hanslope Cottage, The Village, Canvey Isle, Essex. |
| 7 | Oct. 1912 | *Cox, Gordon Wilkinson.. .. | Kinbrae, Chelston, Torquay, Devon. |
| 5 | Oct. 1911 | *Cox, Norman Wilkinson.. .. | 307, Goldhawk Road. W.12. |
| 7 | Oct. 1922 | *¶Cox, Robert Norton Bayliss | Normandy, Ashby Road, Burton-on-Trent. |
| 3 | Oct. 1906 | *Cox, Victor Jennings .. .. | Trabes, Shamley Green, Guildford. |
| 5 | Nov. 1918 | *Cox, William Douglas .. .. | 154, Oxford Road, Linthorpe, Middlesbrough. |
| 7 | Oct. 1907 | *¶Crabb, Arthur Horace .. .. | 17, Kimberley Road, Leytonstone, Essex. |
| 8 | Oct. 1912 | *Cragg, Walter .. .. .. .. | 13, Clifton Avenue, Altrincham, Cheshire. |
| 7 | Oct. 1911 | *Craig, Andrew .. .. .. | 194, West George Street, Glasgow. |
| 2 | Nov. 1916 | *¶Craig, Joseph Hugh .. .. | Dalkusha, Rosetta Park, Belfast. |
| 2 | Feb. 1909 | *¶Cranfield, Guy William, Major, o.b.e. .. .. .. | East Lodge, Enfield Chase, Middlesex. |
| 4 | Oct. 1920 | *¶Crawford, James Jack.. .. | Rock View, Dumbarton. |
| 8 | Oct. 1922 | *¶Creasey, Robert Douglas .. | 71, High Street, Sidcup, Kent. |
| 7 | Oct. 1913 | *¶Crichton, James Stuart .. | 52, Elderslie Street, Glasgow. |
| 4 | Oct. 1906 | *Crimes, Frederic Charles .. | Kidsgrove U.D.C., Surveyor's Office, Kidsgrove, Staffs. |

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|---|---|---|---|
| 8454 | Oct. 1921 | *¶CROFTS, PETER EWAN .. .. | The Old House, Caythorpe, Lincs. |
| 8165 | Oct. 1920 | *¶CROSBY, ARTHUR BENSON .. | Union Offices, Parson's Lane, Bur |
| 9008 | Jan. 1922 | CROSER, ARCHIBALD WILLIAM | Roll's Chambers, 89, Chancery Lan W.C. |
| 4935 | Oct. 1906 | *CROSS, CLEMENT .. .. .. .. | 18, Walbrook, E.C. |
| 6580 | Oct. 1912 | *CROSS, CYRIL JOHN, CAPT. .. .. | 51, Broadgate, Preston. |
| 4936 | Oct. 1906 | *CROSS, PEMBROKE HENRY COCKAYNE .. .. .. .. | 30, Regent Street, S.W.1. |
| 8979 | Oct. 1922 | *¶CROSSE, STANLEY HOWARD .. | Blomfield Court, Maida Vale, W.9. |
| 8456 | Oct. 1921 | *¶CROSSLAND, HARRY EWART .. | 30, Highgate, Beverley, Yorks. |
| 5649 | Oct. 1909 | *CROSSLEY, THOMAS EDGAR .. | Engineers' Dept., Great Southe Railway, Buenos Aires, Argentin S. America. |
| 7118 | Oct. 1913 | *CROSSLEY, VERNON .. .. .. | 159, Stubley, Littleborough, ne Manchester. |
| 7806 | Nov. 1918 | *CROUCH, GEOFFREY THOMAS .. | The Clock Tower, Mount Feli Walton-on-Thames, Surrey. |
| 4896 | Oct. 1904 | *CROWLEY, WALTER ST. LEGER .. | 32, Hall Place, Spalding, Lincs. |
| 9346 | Oct. 1924 | *¶CROWN, RAYMOND JAMES .. | 39, Southbrook Road, Lee, S.E.1 |
| 6209 | Oct. 1911 | *CRUMP, THOMAS GRAHAM .. .. | 1, Addiscombe Road, East Croyd |
| 6210 | Oct. 1911 | *¶CRUNDALL, WILLIAM HENRY .. | c/o Standard Bank, Nairobi, B. Africa. |
| 4897 | Oct. 1904 | *¶CUBITT, HORACE WILLIAM, A.R.I.B.A. .. .. .. .. .. | 7, New Square, Carey Street, W.C. |
| 8166 | Oct. 1920 | *¶CULLEN, ALEXANDER, A.R.I.B.A. | 88, Cadzow Street, Hamilton, N. |
| 7807 | Nov. 1918 | *¶CULLINGTON, STANLEY CYRIL .. | 85, Farrant Avenue, Wood Gree N.22 (Middlesex). |
| 4937 | Oct. 1906 | *CULME-SEYMOUR, ARTHUR GRANVILLE .. .. .. .. | Estate Office, Clogheen, Co. Tippera |
| 8167 | Oct. 1920 | *¶CUMBERLAND, STEPHEN .. .. | Surveyor's Department, County Ha Wakefield. |
| 9193 | Oct. 1923 | *¶CUMBERS, ERNEST JOSEPH HENRY | 335, Upper Richmond Road, Ea Sheen, S.W.14 (Surrey). |
| 8980 | Oct. 1922 | *¶CUNDY, THOMAS JAMES .. .. | Linby, Nottingham. |
| 5142 | Oct. 1907 | *CUNNINGHAM, WILLIAM FREDERICK | "Fairmead," Green Lane, New Eltham, S.E.9. |
| 7121 | Oct. 1913 | *¶CURRALL, EDWARD PERCY .. .. | 8, Bernards Road, Olton, near B mingham. |
| 6585 | Oct. 1912 | *CURTIS, FREDERICK JOHN .. .. | 54, Grandison Road, S.W.11. |
| 5907 | Oct. 1910 | *¶CURTISS EDWARD HERBERT .. | Valuation Office, 111-113, Gre Portland Street, W. |
| 3216 | Oct. 1897 | *CUSHEN, CHARLES OSMON .. .. | 27, Clement's Lane, Lombard Stree E.C.4. |
| 4398 | Oct. 1904 | *CUTLER, FRANK SYDNEY .. .. | Borough Surveyor's Dept., Town Ha Marlborough, Wilts. |

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|---|---|---|---|
| 93 | Oct. 1915 | *¶CUTMORE, HENRY JAMES .. .. | |
| 50 | Oct. 1909 | *CUTTS, EDWARD JAMES .. .. | 99, Pevensey Road, Eastbourne. |
| 29 | Oct. 1908 | *DABBS, DOUGLAS WILLIAM .. | 74, Stamford Hill, N. |
| 86 | Oct. 1912 | *¶DABORN, ALWYNE VICTOR.. .. | 21, Lower Teddington Road, Hampton Wick, Middlesex. |
| 56 | Feb. 1897 | *DAFFORN, GEORGE BERTIE .. | 25, High Street, Wimbledon Common, S.W. (Surrey). |
| 51 | Oct. 1909 | *DAKERS, DAVID .. .. .. | 19, Charing Cross Road, W.C.2. |
| 15 | Oct. 1901 | *DALE, EDWARD SYDNEY WILSON | c/o Messrs. Simmons & Co., Basingstoke, Hants. |
| 81 | Oct. 1922 | *¶DALLOW, LEONARD .. .. .. | 51, Moyne Road, Rathmines, Dublin. |
| 82 | Oct. 1922 | *¶DALY, ALAN DUNSTAN .. .. | 4, Marlborough Hill, Harrow, Middlesex. |
| 69 | Oct. 1898 | *DANCASTER, ARTHUR .. .. .. | 14, Tregonwell Road, Bournemouth. |
| 23 | Oct. 1913 | *DANIELS, REGINALD ARTHUR .. | The Alliance Chambers, 56, London Street, Norwich. |
| 57 | Oct. 1921 | *¶DANIELS, THOMAS GOLDSWORTHY | 69, Derby Lane, Stoneycroft, Liverpool. |
| 94 | Oct. 1923 | *¶DANN, HERBERT .. .. .. | Brenchley, Victoria Road, Malvern Link. |
| 08 | Nov. 1918 | *¶DARBY, NICHOLAS HENRY NELSON | Silvermere, 79, Severn Road, Weston-super-Mare, Somerset. |
| 56 | Oct. 1903 | *DARLEY, ROBERT BRADSHAW, CAPT. .. .. .. .. .. | Sutton Bridge, Lincs. |
| 25 | Feb. 1910 | *DARNELL, CHARLES TILLEY .. | The Gables, Blaby, near Leicester. |
| 94 | Oct. 1915 | *¶DARTNALL, ERNEST VICTOR .. | Forest House, High Stone, Leytonstone, Essex. |
| 12 | Oct. 1911 | *¶DARTNALL, JAMES AMBROSE .. | 11, Dowgate Hill, Cannon Street, E.C.4. |
| 58 | Oct. 1921 | *¶DARVILL, DOUGLAS HARRY .. | City Engineer's Dept., City Hall, Port Elizabeth, S. Africa. |
| 00 | Oct. 1904 | *DAVENPORT, GILBERT CAPELL .. | Damerham, Salisbury. |
| 35 | Oct. 1905 | *DAVENPORT, HERBERT .. .. | 75, Rectory Grove, Clapham, S.W. |
| 39 | Oct. 1912 | *¶DAVEY, EDWIN CLISSOLD .. .. | 86, Eccleston Square, S.W.1. |
| 47 | Oct. 1924 | *¶DAVIDSON, ALEXANDER JOHN | 131, Hartington Road, Sefton Park, Liverpool. |

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|---|---|---|---|
| 9348 | Oct. 1924 | *¶Davidson, James (Junr.) .. | c/o Miss Lindsay, 42, Lawren Street, Dowanhill, Glasgow. |
| 6213 | Oct. 1911 | *¶Davies, Albert George.. .. | City Surveyor's Office, Town Ha Manchester. |
| 8014 | Oct. 1919 | *Davies, Arthur.. .. .. .. | 327, Euston Road, N.W. |
| 9349 | Oct. 1924 | *¶Davies, Daniel Penry .. | The Laburnums, Sirhowy, Tredega Mon. |
| 5144 | Oct. 1907 | *¶Davies, Frederick William .. | High Street, Thornbury, Glouceste shire. |
| 6592 | Oct. 1912 | *Davies, Harry Tudor .. .. | 43, Heddon, Whitchurch, Glamorga |
| 8170 | Oct. 1920 | *¶Davies, John Lewis .. .. | Borough Surveyor's Office, Totne Devon. |
| 6594 | Oct. 1912 | *¶Davies, John Llewellyn.. .. | Architect and Surveyor's Dep Council Offices, Barry, Glam. |
| 8171 | Oct. 1920 | *¶Davies, John Richard .. | Manor Farm, Boothby Graffoe Navenby, Lincoln. |
| 4157 | Oct. 1903 | *¶Davies, Leonard Owen .. .. | 11, Freeland Road, Ealing, W. (Middlesex). |
| 8459 | Oct. 1921 | *Davies, Percival Leopold Lawrence .. .. .. .. | 9, Kenilworth Court, Putney, S.W.1 |
| 6595 | Oct. 1912 | *Davies, Philip Isaac .. .. | The Croft, Victoria, Mon. |
| 8172 | Oct. 1920 | *¶Davies, Sidney .. .. .. | 10, Vicarage Road, Amblecote, Stou bridge, Worcestershire. |
| 9350 | Oct. 1924 | *¶Davies, Thomas Henry .. | Bromley R.D.C. Offices, Park Hous Bromley, Kent. |
| 8016 | Oct. 1919 | *¶Davies, Thomas Walter .. | 90, North Side, Wandsworth Cor mon, S.W.18. |
| 8460 | Oct. 1921 | *¶Davis, Albert John .. .. | 17, Northolme Road, Highbury Pa N.5. |
| 5430 | Oct. 1908 | *Davis, Arthur James .. .. | The Cottage, Croft Lane, Letchwort Hertfordshire. |
| 8983 | Oct. 1922 | *¶Davis, Charles Harold Read | 2, York House, Kensington, W.8. |
| 9195 | Oct. 1923 | *¶Davis, Edwin Arthur .. | 10, Glensdale Road, Brockley, S.E. |
| 7595 | Oct. 1915 | *¶Davis, Francis Robert Edward .. .. .. .. | 105, Lonsdale Road, Barnes, S.W.1 |
| 8909 | Jan. 1922 | Davis, Reginald William John .. .. .. .. .. | 13, John Street, Adelphi, W.C.2. |
| 7810 | Nov. 1918 | *Davis, Thomas Henry Clifford | 60, Rue l'Ecusserie, St. Omer, Pas Calais, France. |
| 5910 | Oct. 1910 | *¶Davis, William Arthur .. | c/o Director-General of Survey Colombo, Ceylon. |
| 7126 | Oct. 1913 | *¶Davis, William Winwood .. | 97, Rodenhurst Road, Clapham, S.W |
| 3817 | Oct. 1901 | *Davy, Clifton Robert, F.R.I.B.A. .. .. .. .. | The Outer Temple, Strand, W.C. |
| 6593 | Oct. 1912 | *Daw, Edmund Norman .. .. | c/o Messrs. St. Quintin Son & Stanle 34, Clement's Lane, Lombard S E.C.4. |

| p. o. | Date of Election. | PROFESSIONAL ASSOCIATES. | Address. |
|---|---|---|---|
| 31 | Oct. 1921 | *¶Dawes, Arthur Henry.. .. | The Mount, Aston Clinton, Aylesbury, Bucks. |
| 79 | Oct. 1902 | *Dawkins, Albert James .. .. | 43, Howard's Lane, Putney, S.W.5. |
| 51 | Oct. 1924 | *¶Dawney, Percy Wilfrid .. | Caswell, Downs Court Road, Purley, Surrey. |
| 52 | Oct. 1924 | *¶Daws, Walter Augustus .. | 52, College Road, Reading. |
| 53 | Oct. 1924 | *¶Dawson, Alwyn Hugh Basil | 8, Walpole Gardens, Chiswick, W.4. |
| 73 | Oct. 1920 | *¶Dawson, Joseph Arthur .. | 7, Park Road South, Birkenhead. |
| 32 | Oct. 1921 | *¶Dawton, Harold Pullen .. | 9, Oakley Road, Caversham, Reading. |
| 28 | Oct. 1913 | *Day, Cyril Walter .. . .. | Victoria Buildings, Alfreton, Derbyshire. |
| 74 | Oct. 1920 | *¶Day, John Hanks .. .. | 18, Middle Row, High Street, Maidstone. |
| 49 | Oct. 1907 | *Day, Joseph Reynolds .. .. | Thorpe Coombe, Forest Road, Walthamstow, E. (Essex). |
| 39 | Oct. 1913 | *¶Day, Stanley Lewis .. .. | Lockinge, Northumberland Road, New Barnet. |
| 33 | Nov. 1916 | *¶Deacon, Edwin Thomas.. .. | 70, Ship Street, Brighton. |
| 13 | Oct. 1910 | *¶Deakin, Francis Henry.. .. | 52, Calthorpe Road, Edgbaston Birmingham. |
| 96 | Oct. 1923 | *¶Dean, Henry William .. | 11, Benet Street, Cambridge. |
| 75 | Oct. 1920 | *Dean, Noel .. .. .. .. | School of Agriculture, University of Cambridge. |
| 00 | Oct. 1912 | *Dean, Sam .. .. .. .. .. | Council Offices, Hipperholme, Halifax. |
| 83 | Oct. 1921 | *¶Dedicoat, Joseph Leonard.. | 31, Moor Lane, Great Crosby, Liverpool. |
| 54 | Oct. 1924 | *¶Dent, Robert Percy .. | Crossfell, Street Lane, Roundhay, Leeds. |
| 34 | Oct. 1921 | *¶Denton, Arthur Smith .. | Revelstoke, Brincliffe Crescent, Sheffield. |
| 35 | Oct. 1921 | *¶Denton, Herbert .. .. | Branksome, S. Hiendley, Barnsley, Yorks. |
| 02 | Oct. 1912 | *¶Dewhirst, Charles Leslie .. | 67, Rainsford Road, Chelmsford. |
| 03 | Oct. 1912 | *¶Dewhurst, Thomas Herbert.. | 13, Winckley Square, Preston, Lancs. |
| 54 | Oct. 1909 | *Dickie, Albert George .. .. | 30, Tooting Bec Gardens, Streatham, S.W. |
| 31 | Oct. 1913 | *¶Dickin, Edward Lyndup .. | 58A, Pall Mall, S.W.1. |
| 34 | Oct. 1899 | *Dickinson, James Murgatroyd | 14, Church Road, Ashford, Kent. |
| 04 | Oct. 1912 | *Dickinson, William Greenhalgh .. .. .. .. .. | St. Werburgh Chambers, Chester. |
| 32 | Oct. 1913 | *¶Dickson, Duncan Peter .. .. | The Brambles, Orche Hill Avenue, Gerrard's Cross, Bucks. |
| 56 | Oct. 1921 | *¶Dickson, John Andrews .. | Rockland Villas, Newcastle, Co. Down, Ireland. |
| 05 | Oct. 1904 | *Dixon, Francis Evelyn .. .. | Homeleigh, River Avenue, Palmer's Green, N.13 (Middlesex). |

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|---|---|---|---|
| 8985 | Oct. 1922 | *¶Dixon, Percy Sidney, A.R.I.B.A. | 128, Algernon Road, Lewisham S.E.13. |
| 9197 | Oct. 1923 | *¶Dobson, Charles George .. | 11, Avenue Mansions, Sisters Avenu S.W.11. |
| 7684 | Nov. 1916 | *¶Dobson, William .. .. .. | 83, Finlay Drive, Dennistoun, Glasgo |
| 7133 | Oct. 1913 | *¶Docherty, John, Jun. .. .. | Inland Revenue Office, Adelaide Street, Swansea. |
| 8176 | Oct. 1920 | *¶Dockrill, Arthur David .. | c/o Sir F. Pittis & Son, Ventno Isle of Wight. |
| 7135 | Oct. 1913 | *Dodds, Percy .. .. .. .. | Northlands, Stockton Lane, York. |
| 5915 | Oct. 1910 | *Dodgshon, Edmund Charles .. | Firfield, Southside, Streatham Com mon, S.W.16. |
| 7136 | Oct. 1913 | *¶Donaldson, James .. .. .. | 50, Station Road, Hayes, Middlese |
| 9198 | Oct. 1923 | *¶Donaldson, Victor Cecil .. | 252, Queen's Road, Dalston, E.8. |
| 8467 | Oct. 1921 | *¶Done, John Paul Cussons, (*Chairman of Junior Meetings*) | c/o Messrs. Done, Hunter & C Cricklewood, N.W.2 (Middlesex |
| 5056 | Oct. 1909 | *¶Donger, William James .. .. | Westgate Chambers, Winchester. |
| 9199 | Oct. 1923 | *¶Doorbar, Bertram Arnold.. | The Bungalow, Happy Valley, Ma vern, Worcs. |
| 3221 | Oct. 1897 | *Douglas, Bernard Moxon .. | Fairway, Crofton Cliffs, Lee-on-Sole Hants. |
| 8177 | Oct. 1920 | *¶Dove, James Faith .. .. | 20, Burlington Place Eastbourne. |
| 7140 | Oct. 1913 | *Dow, John Armour .. .. | Estate Office, Elvedon, Suffolk. |
| 9355 | Oct. 1924 | *¶Down, Ernest Augustus .. | Hodson House, Swindon, Wilts. |
| 8178 | Oct. 1920 | *¶Downer, George Collins .. | Flaxlea, Station Road, Redhill, Surrey. |
| 8986 | Oct. 1922 | *¶Downie, William Arthur .. | 22, Croftdown Road, Parliame Hill, N.W.5. |
| 8468 | Oct. 1921 | *¶Dowse, Archibald Thomas.. | Winchester Road, Bishops Wa ham, Hants. |
| 6606 | Oct. 1912 | *¶Doyle, Graham .. .. .. .. | Imperial War Graves Commissio St. Omer, France. |
| 7812 | Nov. 1918 | *Draper, Frederick Charles .. | 22, Greenfield Road, Old Town, Ea bourne. |
| 5658 | Oct. 1909 | *¶Drew, John Denys .. .. .. | 24, East Southernhay, Exeter. |
| 7141 | Oct. 1913 | *§Drew, Sydney Vernon .. .. | 104, Alfriston Road, Clapham Co mon, S.W.11. |
| 6607 | Oct. 1912 | *Drewry, George Hayward .. | Hargate Wall, Millers Dale, Buxto Derbyshire. |
| 7721 | Oct. 1917 | *¶Driver, Ellis Samuel .. .. | Estate Office, Southern Railwa Victoria Station, S.W.1. |
| 4941 | Oct. 1906 | *Duck, George Francis .. .. | Estate Office, Station Approach, G rard's Cross, Bucks. |
| 6609 | Oct. 1912 | *Duckworth, William Henry, A.M.I.C.E. | Waterworks Engineer's Office, Woo well, Batley, Yorks. |

| p. | Date of Election. | PROFESSIONAL ASSOCIATES. | Address. |
|---|---|---|---|
| 39 | Oct. 1921 | *¶DUFF, ROBERT DUNCAN .. | 3, Broadgates Road, Wandsworth Common, S.W.18. |
| 70 | Oct. 1921 | *¶DUGUID, JOHN MILLOY .. | 31, Elm Street, Logie, Dundee. |
| 11 | Oct. 1912 | *DUNBAVAND, EUSTACE .. .. | 6, Grange Road, West Hartlepool, Durham. |
| 42 | Oct. 1913 | *DUNCAN, HARRY.. .. .. .. | 9, Irvine Place, Stirling, N.B. |
| 71 | Oct. 1921 | *DUNCH, CHARLES ROBINSON | c/o R. G. Bare, Granville House, Arundel Street, W.C.2. |
| 42 | Oct. 1906 | *DUNLOP, CHARLES JOHN, M.R.I.A.I. | 18, Ely Place, Dublin. |
| 13 | Nov. 1918 | *¶DUNN, JOHN WILLIAM .. .. | 27, Overdale Gardens, Langside, Glasgow. |
| 68 | Oct. 1905 | *DUNN, WILLIAM, JUN. .. .. | Hinton Farm, Twyford, Berks. |
| 20 | Oct. 1919 | *¶DUNSTER, HENRY FRANK .. .. | 11, Brigham Road, Reading. |
| 51 | Oct. 1907 | *DURANT, FREDERICK HENRY .. | "Maisonette," Martello Road, Walton-on-Naze, Essex. |
| 39 | Oct. 1908 | *DURDEN, STANLEY JOHN .. .. | 202, Melfort Road, Thornton Heath, Surrey. |
| 23 | Oct. 1911 | *DUTCH, ROBERT VICTOR.. .. | 48, Teignmouth Road, Cricklewood, N.W. (Middlesex). |
| 12 | Oct. 1912 | *§DYER, FRANK, F.R.I.B.A. .. | 42, Marlborough Road, Shipley, Yorks. |
| 61 | Oct. 1909 | *DYER, FREDERICK .. .. .. | Davyhall Chambers, Davygate, York. |
| 24 | Oct. 1911 | *EADE, CHRISTOPHER AYLMER.. | Branson House, Darlington. |
| 78 | Oct. 1893 | *¶§EASTON, WALTER JOHN .. .. | 82, Twyford Avenue, Acton Hill, W. (Middlesex). |
| 22 | Oct. 1901 | *EASTWOOD, CHARLES WILLIAM | 66, Cavendish Drive, Rock Ferry, Cheshire. |
| 14 | Oct. 1912 | *EATON, GEORGE MORLEY .. ... | The Close, Radbourne, near Derby. |
| 52 | Oct. 1907 | *EATON, ROWLAND WYNNE.. .. | Central Buildings, North John Street, Liverpool. |
| 10 | Feb. 1911 | *¶ECCLESHALL, GEORGE BENNETT | 61, Central Avenue, Farnworth, Lancashire. |
| 19 | Oct. 1910 | *¶§EDEN, FREDERICK STEWART .. | 5, Hampton Road, Chorlton-cum-Hardy, Manchester. |
| 23 | Oct. 1901 | *EDGINGTON, WALTER, B.A.(*Oxon.*) | Whitehouses, Retford, Notts. |
| 79 | Oct. 1920 | *¶EDWARDS, DAVID EDWARD .. | 9, Talbot Road, Wrexham. |
| 14 | Oct. 1913 | *EDWARDS, EUSTACE HERBERT .. | 4, Crow Tree Lane, Daisy Hill, Bradford. |
| 4 | Nov. 1918 | *¶EDWARDS, GEORGE FRANK .. | Small Holdings and Land Settlement Dept., Shirehall, Gloucester. |

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|---|---|---|---|
| 6226 | Oct. 1911 | *¶EDWARDS, LANCELOT REGINALD | Glen Lyn, King Henry's Road, Lewe |
| 6227 | Oct. 1911 | *EDWARDS, ROBERT .. .. .. | Estate Office, Culford, Bury S Edmund's. |
| 8473 | Oct. 1921 | *¶EDWARDS, SIDNEY JAMES .. | Architect's Office, New Town Ha Site, Victoria Park, Colomb Ceylon. |
| 5921 | Oct. 1910 | *EDWARDS, THOMAS HENRY .. | The Bridge Estate Office, Londo Road, Croydon. |
| 8474 | Oct. 1921 | *¶EELES, HENRY SWANSTON .. | Bayham Estate Office, Frant, Susse |
| 8475 | Oct. 1921 | *¶EGGAR, JOHN GRAHAM .. .. | Cedar Cottage, Bentley, Hants. |
| 9200 | Oct. 1923 | *¶ELGAR, NIGEL EDWARD BERESFORD .. .. .. .. | The Limes, Sittingbourne, Kent. |
| 6959 | Feb. 1913 | *¶ELKINGTON, CHRISTOPHER GARRETT | Mortimer House, Farfield, Kidde minster. |
| 7145 | Oct. 1913 | *ELKINS, CHARLES HENRY .. .. | The College, 27, Binswood Avenu Leamington. |
| 6228 | Oct. 1911 | *¶ELLAM, GEOFFREY WALTER .. | 5, Cavendish Road, Chorlton-cu Hardy, Lancs. |
| 9201 | Oct. 1923 | *¶§ELLINGHAM, ERNEST JOSEPH | Yiewsley, Warren Road, Hillmorto Rugby. |
| 6615 | Oct. 1912 | *ELLIOTT, AUSTIN HOOTON, A.M.I.C.E. | Wharncliffe, Alexandra Avenue, Mansfield, Nottinghamshire. |
| 8180 | Oct. 1920 | *¶ELLIOTT, CHARLES PYNSENT .. | Park Farm, Woburn, Bletchley, Bed |
| 8476 | Oct. 1921 | *¶ELLIOTT, REGINALD .. .. | 55, Ritherdon Road, Balham, S.W. |
| 7146 | Oct. 1913 | *ELLIS, CLIFFORD BARTLETT .. | 28, Chertsey Street, Guildford. |
| 9202 | Oct. 1923 | *¶§ELLIS, OWEN WILLIAM BERESFORD .. .. .. | 29, Glengarry Road, E. Dulwich, S. |
| 6617 | Oct. 1912 | *¶ELLIS, THOMAS GWYNNE .. .. | County Land Agent, Shirehou Norwich. |
| 4411 | Oct. 1904 | *ELLYATT, GEORGE FREDERICK .. | White Croft, 18, Village Way, D wich, S.E.21. |
| 4945 | Oct. 1906 | *¶ELMES, FREDERICK LANSELL .. | Southolm, Knighton Road, Leiceste |
| 6618 | Oct. 1912 | *¶§ELPHICK, RICHARD .. .. .. | 4, Palace Mansions, Muswell Hill, (Middlesex). |
| 8021 | Oct. 1919 | *¶ELSE, CHARLES GLOSSOP .. .. | Surveyor's Office, Barton-on-Humb Lincs. |
| 7815 | Nov. 1918 | *¶ELWELL, ERIC REGINALD .. | Bank Chambers, Albert Street, Der |
| 6446 | Feb. 1912 | *¶EMERY, GEORGE MONTAGU .. | 49, Elmwood Road, Herne Hill S.E.24. |
| 5923 | Oct. 1910 | *¶ENGLISH, HARRY EDWIN .. .. | 488, Bethnal Green Road, E.2. |
| 8987 | Oct. 1922 | *¶ENGLISH, ROLAND RICHARD | Oaklands, Grove Hill, Woodfo E.18 (Essex). |
| 7147 | Oct. 1913 | *ENTWISTLE, THOMAS .. .. .. | Hazelwood, Temple Drive, Swinto Manchester. |
| 8022 | Oct. 1919 | *¶ESBESTER, ERNEST HENRY .. | City Valuer's Office, The Exchan Bristol. |
| 5827 | Feb. 1910 | *¶ESCOLME, JOHN .. .. .. .. | 56, Hamilton Square, Birkenhead |

| ip. o. | Date of Election. | PROFESSIONAL ASSOCIATES. | Address. |
|---|---|---|---|
| 62 | Oct. 1903 | *Evans, Charles Stokes Eaton | Petwood Estate Office, Woodhall Spa, Lincolnshire. |
| 20 | Oct. 1912 | *¶Evans, David .. .. .. .. | Agricultural Office, College Street, Lampeter, Cardiganshire. |
| 21 | Oct. 1912 | *¶Evans, Ernest .. .. .. .. | c/o Messrs, J. Reynolds & Co, 49, King Street, Manchester. |
| 77 | Oct. 1921 | *¶Evans, Henry Lodowick Vincent | 40, Royal York Crescent, Clifton, Bristol. |
| 56 | Oct. 1907 | *Evans, Henry Montague .. | City Engineer's Department, City Hall, Cardiff. |
| 16 | Nov. 1918 | *¶Evans, John Edgar Vaughan | Surveyor's Office, Somerset House, Burry Port, Carm. |
| 23 | Oct. 1912 | *¶Evans, John Williams Percival | 4, Brynmawr Terrace, The Walton, Brecon, S. Wales. |
| 33 | Oct. 1911 | *¶Evans, Philip .. .. .. .. | 168, Regent Street, W.1. |
| 77 | Oct. 1900 | *Evans, Rupert Maurice.. .. | Bank House, Stafford. |
| 24 | Oct. 1912 | *Evans, Samuel Bowlie .. .. | 15, Buckingham Terrace, King Edward's Road, Swansea. |
| 82 | Oct. 1920 | *¶Evans, Simon .. .. .. .. | Trevigin, St. Dogmells, Pembrokeshire, and Auction and Estate Offices, High Street, Cardigan. |
| 78 | Oct. 1921 | *¶Evans, Thomas Hugh .. .. | c/o Messrs. Burd & Evans, School Gardens, Shrewsbury. |
| 83 | Oct. 1920 | *¶Evans, Thomas John .. .. | 17, Glynrhondda Street, Cathays Cardiff, Glam. |
| 88 | Oct. 1922 | *¶Evans, William Edgar .. | 10, Llwyncelyn Road, Gwaun-cae-Gurwen, Glam. |
| 84 | Oct. 1920 | *¶Evans, William Kenneth .. | 71, Chertsey Road, Woking, Surrey. |
| 85 | Oct. 1920 | *¶Evans, William Maurice .. | "Parkdale," Berriew Road, Welshpool. |
| 89 | Oct. 1922 | *¶Eve, John Douglas Trustram | 42, Bramham Gardens, S.W.5. |
| 13 | Oct. 1904 | *Everard, Bernard .. .. .. | Markfield and Bardon Hill Granite Quarries, Bardon Hill, near Leicester. |
| 15 | Nov. 1892 | *Evered Gilliebrand Elwin | 30, Stirling Road, Bournemouth. |
| 16 | Nov. 1892 | *Everett, Arthur Sherman .. | 36, Egerton Park, Rock Ferry, Cheshire. |
| 03 | Oct. 1923 | *¶Every, Cecil Tom .. .. | 105, Dartmouth Road, Brondesbury, N.W.2 (Middlesex). |
| 90 | Oct. 1922 | *¶Ewbank, Arthur Leslie John, B.A. (*Cantab.*) .. .. | Holmwood, Limes Road, Weybridge. |
| 91 | Oct. 1922 | *¶Ewing, Bernard Stopard .. | 40, Church Street, Birdholme, Chesterfield. |
| 17 | Nov. 1918 | *¶Exley-Fisher, Thomas .. .. | Glenroyd, Dymond Road, Heckmondwike, Yorkshire. |
| 92 | Oct. 1922 | *¶Eyre-Matcham, John St. Leger .. .. .. .. | Newhouse, Redlynch, Wilts. |

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|---|---|---|---|
| 8479 | Oct. 1921 | *FACER, HALDANE THOMAS .. | Corn Exchange, Hemel Hempstea Herts. |
| 9356 | Oct. 1924 | *¶FADDY, CHARLES EDWIN .. | 1A, Holly Avenue, Wallsend-on-Ty |
| 6625 | Oct. 1912 | *FAIRCLOUGH, VINCENT .. .. | Belmont, Leigh, Lancs. |
| 4679 | Oct. 1905 | *FAIRWEATHER, NORMAN BLUMER | 40, Christchurch Road, Streatham Hi S.W. |
| 5446 | Oct. 1908 | FALKNER, FRANK NINUS .. .. | 11, Princes Street, Cavendish Squar W.1. |
| 6626 | Oct. 1912 | *FALKNER, JOHN WILLIAM, A.M.I.C.E. | c/o 131, Bloor Street West, Toront Canada. |
| 9357 | Oct. 1924 | *¶FARID, ALY .. .. .. .. | Architectural Offices, State Buildin Dept., Ministry of Public Work Cairo, Egypt. |
| 8025 | Oct. 1919 | *¶FARNSWORTH, WILLIAM CHARLES | c/o Messrs. Berry Brothers & Bagsha Kettering. |
| 4415 | Oct. 1904 | *FARTHING, CHARLES HAROLD .. | 6, Station Yard, Twickenham, Midd sex. |
| 4416 | Oct. 1904 | *FARWELL, EVELYN WOOD .. .. | Lord Hylton's Estate, Kilmerdo near Bath, Somersetshire. |
| 7818 | Nov. 1918 | *¶FAULKNER, JOHN BRAFIELD .. | 5, Craven Park Road, Harlesde N.W.10 (Middlesex). |
| 6234 | Oct. 1911 | *FAULKNER, JOHN DENNIS.. .. | 24, High Street, Baldock, Herts. |
| 6235 | Oct. 1911 | *¶FAWCETT, KENNETH MORTIMER | 26, Albion Street, Leeds. |
| 8027 | Oct. 1919 | *¶FAYERS, HARRY .. .. .. .. | 73, Euston Avenue, Watford, Hert |
| 9204 | Oct. 1923 | *¶FEAR, JOHN LAWRENCE .. .. | 1, Quarry Street, Guildford. |
| 8481 | Oct. 1921 | *¶FEATHERSTONE, FRANK MARSHALL | 218, Lewisham High Road, Broc ley, S.E.4. |
| 9205 | Oct. 1923 | *¶FENN, HAROLD THEODORE .. | Abbey House, Victoria Street, S.W |
| 4164 | Oct. 1903 | *FENNING, JOHN HENRY .. .. | 8, St. Paul's Square, Bedford. |
| 6630 | Oct. 1912 | *FERGUSON, WILLIAM HARVEY .. | 36, Arthur Street, Belfast. |
| 9358 | Oct. 1924 | *¶FERRELL, CLIFTON GORDON .. | 8, Station Approach, Reading. |
| 5080 | Feb. 1907 | *FERREY, GERALD COLSTON .. | 34A, Coney Street, York. |
| 9206 | Oct. 1923 | *¶FERRIS, EDWARD HOLLIS .. | 24, Vicarage Road, Henley-on-Than Oxon. |
| 9359 | Oct. 1924 | *¶FIELD, JAMES DONALD, B.A., LL.B. .. .. .. .. .. | 54, Borough High Street, S.E.1. |
| 9207 | Oct. 1923 | *¶FIELD, JOSEPH .. .. .. | 1, Christchurch Avenue, Wembl Middlesex. |
| 3827 | Oct. 1901 | *FIELD, LEONARD MARTIN .. .. | 40, High Street, Gosport, Hants. |
| 5935 | Oct. 1910 | *FIELD, VICTOR .. .. .. .. | 28, Shell Road, Undercliff Ro Lewisham. |

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|---|---|---|---|
| 56 | Feb. 1908 | *Fielding, Arthur Edward Bruce .. .. .. .. .. | 8, Catherine Place, Bath. |
| 47 | Oct. 1908 | *Fielding, Kenneth Hubert .. | 2, Upper King Street, Norwich. |
| 81 | Oct. 1905 | *Fife, James Donald.. .. .. | H.M.O.W., Storey's Gate, S.W.1. |
| 86 | Oct. 1920 | *¶Fifield, Cecil Stanley William .. .. .. .. | 45, Douglas Road, Chingford (Essex). |
| 93 | Oct. 1922 | *¶Fifield, Cyril .. .. .. | 41, Bray Road, Guildford. |
| 87 | Oct. 1920 | *Fifield, Hafford Edwin .. | 1, Havelock Street, Stoke-on-Trent. |
| 18 | Oct. 1904 | *¶Finch, George Frederick .. | 21, Fortismere Avenue, Muswell Hill, N.10 (Middlesex), and 9, Stone Buildings, W.C.2. |
| 50 | Oct. 1913 | *Fincham, Edward, Capt., m.c., a.r.i.b.a. .. .. .. .. .. | Mark's Tey, Colchester. |
| 32 | Oct. 1912 | *Finister, Harry.. .. .. .. | Public Offices, Huyton, near Liverpool. |
| 82 | Oct. 1921 | *¶Finn, Geoffrey Gostwycke | Watling Street, Canterbury. |
| 34 | Oct. 1912 | *Firth, William James, a.m.i.c.e. | Hill Crest, Chester Road, Poynton, Cheshire. |
| 67 | Oct. 1909 | *¶Fisher, Edwin Grainger .. | 60, St. Barnabas Road, Cambridge. |
| 35 | Oct. 1912 | *Fisher, James Thomas .. .. | 8, Stafford Street, Derby. |
| 51 | Oct. 1913 | *Fishwick, Victor Charles .. | South Eastern Agricultural College, Wye, Kent. |
| 95 | Oct. 1922 | *¶Fitch, Cyril Henry .. .. | 54, Castle Road, Isleworth, Middlesex. |
| 36 | Oct. 1912 | *Fitch, John Thomas, a.m.i.c.e. | 45, Small Brook Street, Birmingham. |
| 84 | Oct. 1905 | *Fitch, Philip .. .. .. .. | Engineer's Department, 299, Bart Mitre, Buenos Aires, South America. |
| 23 | Mar. 1884 | Fitness, John Francis .. .. | 20, Therapia Road, Honor Oak, S.E.22. |
| 19 | Nov. 1918 | *¶§Fitzsimmons, Arthur .. .. | 28, Garthorne Road, Honor Oak Park, S.E.23. |
| 26 | Oct. 1910 | *¶Fleming, Herbert Sidney .. | 83, Pall Mall, S.W.1. |
| 83 | Oct. 1921 | *¶Fleury, Francis George .. | 1, Westbourne Road. Forest Hill, S.E.23. |
| 53 | Oct. 1913 | *Flint, Arthur .. .. .. .. | Rusholme, Widmer End, High Wycombe, Bucks. |
| 54 | Oct. 1913 | *Flitcroft, Percy .. .. .. | Ellesmere Estate Offices, Worsley, Lancashire. |
| 37 | Oct. 1911 | *¶Flood, Alfred William.. .. | 89, Westminster Bridge Road, S.E.1. |
| 55 | Oct. 1913 | *¶§Flower, John James, b.a.i... | Seale-Hayne Agricultural College, Newton Abbot, Devon. |
| 84 | Oct. 1921 | *¶Foat, Harry Alex .. .. | 5, Great College Street, S.W.1. |
| 49 | Oct. 1906 | *Foll, Wallace Arthur .. .. | Woburn Sands, Beds., and Bletchley, Bucks. |
| 85 | Oct. 1921 | *¶Foot, William George .. | 41, High Street, Totnes, S. Devon. |

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|---|---|---|---|
| 6238 | Oct. 1911 | *FORBES, ALEXANDER .. .. .. | 40, Central Road, Gloucester. |
| 8996 | Oct. 1922 | *¶FORD, ARNOLD SPENCER.. .. | "Redlands," Oakhill, Woodford Green, Essex. |
| 3989 | Oct. 1902 | *FORD, C. GRAHAM .. .. .. | Engineer's Dept., Metropolitan Asylums Board, Sheffield Street, W.C |
| 7156 | Oct. 1913 | *FORD, CHARLES WILLIAM ERNEST | St. Wilfreds, Stanley Road, Cheritc near Folkestone. |
| 5828 | Feb. 1910 | *FORGE, RAYMOND JAMES .. .. | c/o Holland & Co., Argyle Corner, W Ealing Station, W. (Middlesex). |
| 8029 | Oct. 1919 | *¶FORRESTER, HAROLD .. .. .. | The Bridge Estate Office, Lond Road, W. Croydon. |
| 8486 | Oct. 1921 | *¶FORSAITH, FREDERICK LESLIE | 43, Elmwood Road, W. Croydor |
| 8487 | Oct. 1921 | *¶FORSTER, EDMUND TAYLOR .. | 44, Devonshire Road, Liverpool. |
| 3687 | Oct. 1905 | *FOSTER, GAIUS .. .. .. .. | Architect's Department, London Cou Council, New County Hall, S.E.1. |
| 5929 | Oct. 1910 | *FOSTER, NORMAN BEAUMONT .. | Ampthill, Beds. |
| 8030 | Oct. 1919 | *¶FOSTER, RICHARD FRANCIS .. | 29, Hill Street, Haverfordwest, Wales. |
| 3678 | Oct. 1900 | *¶FOSTER, WALTER.. .. .. .. | 54, Pall Mall, S.W. |
| 8488 | Oct. 1921 | *¶FOSTER, WALTER LAURENCE | Central House, Blackheath, S.E |
| 7158 | Oct. 1913 | *FOURACRE, FREDERICK WALTER | 28, Mountfield Road, Church E Finchley, N.3 (Middlesex). |
| 8997 | Oct. 1922 | *¶FOWLER, ARTHUR .. .. .. | 42, Victoria Avenue, Surbiton, Surrey. |
| 4688 | Oct. 1905 | *FOWLER, CHARLES K. .. .. | Bagenalstown House, Co. Carlow. |
| 9360 | Oct. 1924 | *¶FOWLER, CLEMENT HARWOOD | Oakcroft, Cowfold, Sussex. |
| 6240 | Oct. 1911 | *FOWLER, ERNEST ELIAS .. .. | |
| 9361 | Oct. 1924 | *¶FOWLER, THOMAS HUGH .. | Tytherington, Heytesbury, Wilts. |
| 9208 | Oct. 1923 | *¶FOX, ANTHONY BERTRAM .. | 182, Hill Lane, Southampton. |
| 8188 | Oct. 1920 | *¶FOX, HAROLD LANE .. .. | 26, East Park Road, Harrogate. |
| 5930 | Oct. 1910 | *FOX, JOHN HARPER GRAHAM .. | Wyndale, Belgrave Parade, Newca on-Tyne. |
| 8489 | Oct. 1921 | *¶FOX, WALTER EDWARD .. | 32, Killieser Avenue, Streatham H S.W.2. |
| 7824 | Nov. 1918 | *¶FRANCIS, EDWARD THORPE .. | Halliwell, Eastbourne Road, St Austell, Cornwall. |
| 8998 | Oct. 1922 | *¶FRANCIS, MYLES VICTOR HERBERT .. .. .. .. | White Cottage, Loughton, Essex. |
| 5669 | Oct. 1909 | *¶FRANCIS, THOMAS JOHN PHILIP.. | 98, Northfield Road, King's Nort Birmingham. |
| 8031 | Oct. 1919 | *¶FRANCIS, THOMAS PHILLIP, A.M.I.C.E. .. .. .. .. | Surveyor's Dept., Town Hall, Bang |
| 4953 | Oct. 1906 | *¶FRANKLIN, HERBERT JOHN .. | Architect's Dept., L.C.C., New Cou Hall, S.E.1. |
| 8910 | Jan. 1922 | FRAZIER, GORDON STUART .. | 19, Prospect Road, Moseley, B mingham. |

| ip. lo. | Date of Election. | PROFESSIONAL ASSOCIATES. | Address. |
|---|---|---|---|
| 59 | Oct. 1913 | *¶Frearson, Thomas Bingley .. | 30, King's Avenue, Wolstanton, Staffs. |
| 44 | Oct. 1911 | *Freeman, Frank Condy . | 4, Bennet Street, St. James Street, S.W.1. |
| 39 | Oct. 1899 | *§Freeman, George .. .. .. | Kenmure, Spencer Hill, Wimbledon, S.W. (Surrey). |
| 90 | Oct. 1921 | *¶Freeman, Leonard George.. | Borough Surveyor's Dept., Municipal Offices, Stepney, E.1. |
| 67 | Oct. 1903 | *French, A. Martin .. .. | Bond Street House, 14, Clifford Street, W.1. |
| 99 | Oct. 1922 | *¶Fresson, Kenneth Edward | c/o Messrs. Robins & Hine, 26-32, Abbey House, Victoria Street, S.W.1. |
| 82 | Oct. 1900 | *Freuer, William Samuel .. | 19, St. Faith's Road, Dulwich, S.E. |
| 00 | Oct. 1922 | *¶Frew, James Allen .. .. | Brooklyn, Roslyn Drive, Moreton, Cheshire. |
| 61 | Oct. 1913 | *Frey, Henry .. .. .. .. | 68, Aldbourne Road, Shepherd's Bush, W. |
| 01 | Oct. 1922 | *¶Fricker, Arthur Charles .. | 30, Selborne Road, Ilford, Essex. |
| 32 | Feb. 1902 | *Frost, Alfred Cardain .. .. | Station Gates, Beaconsfield, Bucks. |
| 62 | Oct. 1913 | *¶Frost, Ernest Davenall .. | Oak Tree Cottage, Banstead, Surrey. |
| 41 | Oct. 1912 | *Fulcher, Christopher Turtill (*Professional Associate of Council*) | Deputy Surveyor, Shoreditch Town Hall, Old Street, E.C. |
| 42 | Oct. 1912 | *Fulford, Frederick John .. | 134, Queen's Walk, Nottingham. |
| 43 | Oct. 1912 | *¶Fullford, Charles George, M.S.A... .. .. .. .. .. | 47, Castle Street, Salisbury. |
| 44 | Oct. 1912 | *Fulton-Smith, Graeme Gartshore | Queen's Chambers, 26A, Sankey Street, Warrington, Lancs. |
| 02 | Oct. 1922 | *¶Furber, John Oscar .. .. | 3, Warwick Court, Gray's Inn, W.C.1. |
| 46 | Oct. 1911 | *¶Furniss, George .. .. .. | 31, Old Lodge Lane, Purley, Surrey. |
| 45 | Oct. 1912 | *¶Fysh, Percy William .. .. | 4, Melbourne Road, Leicester. |
| 89 | Oct. 1920 | *¶Gadd, Arthur .. .. .. | 4A, Fairfield West, Kingston-on-Thames, Surrey. |
| 91 | Oct. 1921 | *Gadd, John Edward .. .. | 792, Garratt Lane, S.W.17. |
| 92 | Oct. 1902 | *¶Gahan, Robert Beresford, Capt. | Donaguile House, Castlecomer, Co. Kilkenny. |
| 25 | Nov. 1918 | *¶Gale, Henry Newlyn .. .. | Estate Office, Nuneham, near Oxford. |
| 92 | Oct. 1921 | *¶Gale-Hasleham, Dudley Alfred .. .. .. .. .. | c/o Messrs. Adkin, Belcher & Bowen, 10, High Street, Abingdon. |

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|---|---|---|---|
| 5670 | Oct. 1909 | *GAMBELL, PHILIP CLAYTON .. | 83, High Street, Newport Pagnell Bucks. |
| 7165 | Oct. 1913 | *¶GAMMON, FRANK LEONARD .. | 188, High Street, Guildford. |
| 6646 | Oct. 1912 | *¶GANDY, HAROLD .. .. .. .. | Bailey Croft House, Wirksworth, Derby. |
| 5031 | Oct. 1910 | *GANDY, ROBERT NEWTON.. .. | Northwich, Cheshire. |
| 9209 | Oct. 1923 | *¶GANN, THOMAS LEIGHTON .. | Marrawah, St. George's Avenu Dovercourt, Essex. |
| 9210 | Oct. 1923 | *¶GARD, ERNEST JOHN .. .. | Norleigh, York Road, Guildford. |
| 8493 | Oct. 1921 | *¶GARDNER, CECIL ARTHUR .. | 44, Talbot Road, Highgate, N (Middlesex). |
| 9362 | Oct. 1924 | *¶GARDNER, GEOFFREY GILBERT | Hendall, Crawley, Sussex. |
| 8911 | Jan. 1922 | GARDNER, HAROLD FRANK .. | "Dalkeith," Duke's Avenue, Ne Malden, Surrey. |
| 7166 | Oct. 1913 | *GARDNER, HENRY, JUN. .. .. | Farlea, Carleton, Poulton-le-Fyld Lancs. |
| 7685 | Nov. 1916 | *¶GARDNER, OSMOND .. .. .. | c/o Assam Co., Nazira P.O., Upp Assam. |
| 9003 | Oct. 1922 | *¶GARNER, ARTHUR, JUN. .. | Ecliffe, Torkington, near Stockpor |
| 6247 | Oct. 1911 | *¶GARNETT, WILFRED EWART .. | 35, Holyoake Walk, Ealing, W (Middlesex). |
| 2670 | Oct. 1894 | *GARRETT, ARTHUR BERRY.. .. | 42, Poultry, E.C. |
| 6647 | Oct. 1912 | *¶GASK, JOHN HAROLD, A.R.I.B.A. | Boro' Engineer's Dept., Municip Buildings, Bournemouth. |
| 6248 | Oct. 1911 | *¶GASSON, BERNARD .. .. .. | Ten, Golders Rise, Hendon, N.W (Middlesex). |
| 7168 | Oct. 1913 | *¶GASSON, NORMAN .. .. .. | 27, Therapia Road, Honor Oak, S.E |
| 6648 | Oct. 1912 | *¶GASSON, STANLEY .. .. .. | 15, Red Lion Square, Holborn, W.C |
| 5451 | Oct. 1908 | *GATES, ERNEST HARRY .. .. | 49, Leander Road, London Road, Thor ton Heath, Surrey. |
| 6649 | Oct. 1912 | *GAWTHORP, HAROLD ARTHUR.. | 45, Chapel Ash, Wolverhampton. |
| 5161 | Oct. 1907 | *¶GAY, FRANK.. .. .. .. .. | c/o Messrs. Kemsleys, Broad Stre House, New Broad Street, E.C. |
| 3327 | Oct. 1897 | *GAYER, ALFRED EDWARD, MAJOR, M.C. | North London School of Surveyin 3, Finsbury Park Avenue, Herm tage Road, N.4 (Middlesex). |
| 4961 | Feb. 1913 | *GEAKE, HERBERT .. .. .. | 27, Elm Avenue, Nottingham. |
| 9004 | Oct. 1922 | *¶GEALL, WILLIAM MAURICE .. | 26, Nutfield Road, Thornton Heat Surrey. |
| 7722 | Oct. 1917 | *¶GEDDES, JOSEPH WILLIAM .. | 1220, Ingraham Street, N.W., Was ington D.C., U.S.A. |
| 4425 | Oct. 1904 | *GEE, FREDERIC GEORGE .. .. | 27, Boundary Road, Chatham. |
| 9005 | Oct. 1922 | *¶GEERING, JOHN PHILIP .. | Hawkhurst, Kent. |
| 4169 | Oct. 1903 | *¶GENDERS, PERCY ROBERT .. .. | c/o Chief Surveyor, L.T.O., Regi Saskatchewan, Canada. |
| 5162 | Oct. 1907 | *¶GEORGE, FREDERICK ALBERT .. | City Surveyor's Office, Guildhall, E. |

| lp. o. | Date of Election. | PROFESSIONAL ASSOCIATES. | Address. |
|---|---|---|---|
| 33 | Oct. 1910 | *Gerrard, George .. .. .. | 52, Vicarage Road, East Sheen, S.W.14. (Surrey). |
| 90 | Oct. 1920 | *¶Gibaud, Frederick Charles | 7, Redland Park, Redland, Bristol. |
| 51 | Oct. 1912 | *¶Gibbings, Oliver Durant .. | 30, Lowther Street, Carlisle. |
| 27 | Nov. 1918 | *¶Gibbs, Herbert Norman.. .. | 7, Mountfield Road, Finchley, N.3. (Middlesex). |
| 91 | Oct. 1920 | *¶Gibson, Edwin Salter .. .. | 214, High Road, Lee, S.E.13. |
| 94 | Oct. 1921 | *¶Gibson, Reginald John Campbell .. .. .. .. | 51, Park Lane, Norwich. |
| 89 | Oct. 1913 | *¶Gibson, William .. .. .. | Templewood, Old Park Ridings, Grange Park, N.21 (Middlesex). |
| 28 | Nov. 1918 | *Gibson, William Garnett .. | The Bungalow, Windermere. |
| 57 | Oct. 1906 | *Giffin, Charles Williams .. | South View, Letchworth, Hertfordshire. |
| 95 | Oct. 1921 | *¶Gilbert, Arthur .. .. | Brooklyn, Enfield Wash, N. (Middlesex). |
| 64 | Oct. 1907 | *¶Gilbert-Lodge, Leicester James Garfield | 38, Avondale Avenue, Woodside Park, N.12 (Middlesex). |
| 49 | Oct. 1911 | *Giles, Charles Malcolm.. .. | Post Office, Nairobi, British East Africa. |
| 29 | Nov. 1918 | *Gill, Francis Andrew .. .. | 48, London Wall, E.C.2. |
| 30 | Nov. 1918 | *¶Gill, Robert .. .. .. .. | Moray House, Blisworth, Northants. |
| 96 | Oct. 1921 | *¶Gill, William Ernest .. | 2, Solness Street, Bury. |
| 58 | Oct. 1906 | *Gill, William Philip .. .. | Bankside, Sydney Road, Guildford. |
| 31 | Nov. 1918 | *¶Gillett, Herbert Edward .. | Messrs. Ferris and Puckridge, 79, Queen Street, Cheapside, E.C. |
| 50 | Oct. 1911 | *Gillett, Sidney Eric .. .. | 28, Holland Park Avenue, W.11. |
| 53 | Oct. 1912 | *Gillitt, John .. .. .. .. | 2, Castle Street, Wellingborough, Northants. |
| 53 | Oct. 1908 | *Gimson, Martin.. .. .. .. | 6, Millstone Lane, Leicester. |
| 72 | Oct. 1909 | *Gingell, John Taylor .. .. | Warish Hall, Takeley, Essex. |
| 11 | Oct. 1923 | *¶Girling, Arthur Charles .. | 1, West Stockwell Street, Colchester. |
| 97 | Oct. 1921 | *¶Girling, Francis Victor .. | Woodcroft, Bath Road, Felixstowe, Suffolk. |
| 98 | Oct. 1921 | *¶Girling, John Robert .. | Woodcroft, Bath Road, Felixstowe, Suffolk. |
| 54 | Oct. 1908 | *Girven, Frederick William .. | Surveyor's Dept., R.D.C. Offices, Easington, Co. Durham. |
| 34 | Oct. 1919 | *Glasse, Alfred.. .. .. .. | 34, Fullers Road, South Woodford, E.18 (Essex). |
| 35 | Oct. 1901 | *Gleed, Herbert Alexander.. | 8 and 9, Martin's Lane, Cannon Street, E.C. |
| 95 | Oct. 1905 | *¶Glenn, George Frederick .. | Moorgate Station Chambers, E.C.2. |
| 12 | Oct. 1923 | *¶Glenny, Kenneth Edward Boulton .. .. .. .. | 34, Satanita Road, Westcliff-on-Sea. |
| 15 | Oct. 1910 | *Goddard, Henry George Frederick .. .. .. .. | 14, Hammet Street, Taunton. |

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|---|---|---|---|
| 8496 | Oct. 1908 | *Godwin, Charles Fisher.. .. | Orchard Villa, Wellington Road South, Hounslow. |
| 6254 | Oct. 1911 | *¶Golby, Robert Edmund.. .. | 13, Swiss Terrace, South Hampstea N.W.6. |
| 9363 | Oct. 1924 | *¶§Golding, Alan Charles .. | Harper-Adams Agricultural Colleg Newport, Salop. |
| 8671 | Oct. 1909 | *Goodall, Eric William Aldrich | 26, Cromwell Avenue, Highgate, N. (Middlesex). |
| 8499 | Oct. 1921 | *¶Goodland, Henry Edward | County Council Depôt, Purton, Wilt |
| 4176 | Oct. 1903 | *Goodwin, Percy Worthington | Copston, Hinckley, Leicestershire. |
| 9006 | Oct. 1922 | *¶Goodwyn, Charles Colin .. | Fielden Cottage, Roughdown Roa Boxmoor, Herts. |
| 9007 | Oct. 1922 | *¶Gordon, Albert Leslie .. | Finsbury House, Blomfield Stree E.C.2. |
| 7833 | Nov. 1918 | *¶Gordon, Andrew Donald .. | Station House, West Wickham, Ken |
| 4177 | Oct. 1903 | *Gore, George Pym .. .. .. | 81, Bondgate, Darlington, Durham. |
| 956 | May 1883 | Gore, William Joll.. .. .. | 205, Wardour Street, W. |
| 5674 | Oct. 1909 | *¶Gosney, Stanley Harry.. .. | 44, Addiscombe Road, Croydon. |
| 6658 | Oct. 1912 | *¶Gossling, Rupert Emerson .. | Market Place, Prince's Risborou Bucks. |
| 4427 | Oct. 1904 | *¶Gotelee, Guy Stanley .. .. | St. Cranbrook, Crichton Road, Ca shalton. |
| 7834 | Nov. 1918 | *¶Goudie, Alexander Maclean | 49, Main Street, Largs, Ayrshire. |
| 6659 | Oct. 1912 | *¶Goulding, George Dixon .. | 2, Mount Road East, Sunderland |
| 6660 | Oct. 1912 | *Goulding, William Whittaker | 6, St. Mary's Gate, Manchester. |
| 8193 | Oct. 1920 | *Gowen, Stanley Charles Jonathan .. .. .. .. | 25, Reginald Road, Maidstone. |
| 9364 | Oct. 1924 | *¶Gowing, Claud Gambling .. | White Hall, Sprowston, Norwic |
| 4698 | Oct. 1905 | *Gowlland, Stephen Leversha | 23, Ely Place, E.C.1. |
| 6661 | Oct. 1912 | *Grabham, Stanley .. .. .. | 113, Oxford Road, Linthorpe, Middl brough. |
| 7835 | Nov. 1918 | *¶Graham, Edward .. .. .. | Union Offices, Chester-le-Street. |
| 7837 | Nov. 1918 | *Graham, Henry Irving .. .. | Galegarth, Skinburness Road, Sillot Cumberland. |
| 5339 | Oct. 1910 | *Grain, Henry Herbert Brett | 66, St. Andrew's Street, Cambridge. |
| 5357 | Feb. 1908 | *Grain, Peter Bovill.. .. .. | 66, St. Andrew's Street, Cambridge. |
| 9008 | Oct. 1922 | *¶Granger, Norman Few .. | c/o Messrs. Hobbs & Chambers, Fa ingdon, Berks. |
| 5940 | Oct. 1910 | *¶Grant, Leslie Thomas .. .. | 35, Carlton Road, Putney Hill, S.W. |
| 8194 | Oct. 1920 | *¶§Graves Paul Kingsley .. | 117, North Street, Brighton. |
| 8035 | Oct. 1919 | *¶Gray, James .. .. .. .. | 140, Princes Street, Edinburgh. |
| 4961 | Oct. 1906 | *Gray, James Arthur .. .. | 145, Edgware Road, W.2. |

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|---|---|---|---|
| 173 | Oct. 1913 | *Gray, John Bywell .. .. .. | Room 14, 3rd Floor, Mayfair, Belfast. |
| 886 | Nov. 1916 | *¶Gray, Sydney John .. .. | 186, Murray Road, Ealing, W.5 (Middlesex). |
| 338 | Nov. 1918 | *¶Green, Frederick Sidney .. | 106, Taylor Road, King's Heath, Birmingham. |
| 195 | Oct. 1920 | *¶Green, George Edward .. | c/o Butcher & Co., 63-64, Chancery Lane, W.C.2. |
| 339 | Nov. 1918 | *Green, Graham Harry Wyndham, Capt., M.C. .. .. .. | The Warren, Willesborough, Kent. |
| 500 | Oct. 1921 | *¶Green, Harold .. .. .. | Charnwood, Cornwall Road, Harrogate. |
| 196 | Oct. 1920 | *¶Green, Herbert Frederick | Town Hall, Hendon, N.W.4 (Middlesex). |
| 501 | Oct. 1921 | *¶Green, Reginald George .. | Theddingworth, Leicestershire. |
| 036 | Oct. 1919 | *¶Green, Samuel Leroy Townsend .. .. .. .. | 22, Chancery Lane, W.C.2. |
| 665 | Oct. 1912 | *Green, Thomas Frank, F.R.I.B.A. | 272, Willesden Lane, N.W.2 (Middlesex). |
| 502 | Oct. 1921 | *¶Greenhalgh, Harold .. .. | Court Chambers, 15, Mawdsley Street, Bolton. |
| 503 | Oct. 1921 | *¶Greenway, Archie Ernest | 17, High Street, Eltham, S.E.9. |
| 504 | Oct. 1921 | *¶Greenway, William Astbury | Red Hall Road, Lower Gornal, nr. Dudley, Worcestershire. |
| 230 | Oct. 1897 | *Greenwood, Ernest.. .. .. | 360, High Road, Chiswick, W. (Middlesex). |
| 009 | Oct. 1922 | *¶Greenwood, James Hedley | 33, Rochdale Road, Harpurley, Manchester. |
| 112 | Feb. 1911 | *Greenwood, Joseph.. .. .. | West Banks, Riddlesden, nr. Keighley, Yorkshire. |
| 175 | Oct. 1913 | *Greenwood, William .. .. | 11, Richmond Terrace, Blackburn. |
| 942 | Oct. 1910 | *Gregory, Charles Henry .. | 4, Fillebrook Road, Leytonstone, E.11 (Essex). |
| 213 | Oct. 1923 | *¶Gregory, Wallace James Ignatius Daniel .. .. | 8, High Holborn, W.C.1. |
| 260 | Oct. 1911 | *Gregory, William James.. .. | 17, Macefin Avenue, West Didsbury, Manchester. |
| 667 | Oct. 1912 | *¶Grey, George Forbes .. .. | Fisholm, Hook Road, Surbiton, Surrey. |
| 214 | Oct. 1923 | *¶Gribble, Leslie John Goldby, B.Sc. (Agric.) (*Durham*) | 11, Cumberland Road, Manor Park, E.12 (Essex). |
| 177 | Oct. 1913 | *Griffith-Roberts, Thomas William .. .. .. .. | 52, Queens Street, Shrewsbury. |
| 723 | Oct. 1917 | *¶Griffiths, Daniel .. .. .. | Granville House, Pontypool, Mon. |

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|---|---|---|---|
| 7597 | Oct. 1915 | *¶Griffiths, Edgar Rees .. .. | 12, College Street, Swansea. |
| 8198 | Oct. 1920 | *¶Griffiths, Harold .. .. | 5, Hamilton Square, Birkenhea |
| 8199 | | | Cheshire. |
| | Oct. 1920 | *¶Griffiths, Samuel Price .. | "Hadley," Alderley Edge, nea |
| | | | Manchester. |
| 2522 | Nov. 1892 | *Griggs, Henry Jenner, A.R.I.B.A. | Metropolitan Bank Chambers, Ne |
| | | | port, Monmouthshire. |
| 7341 | Nov. 1918 | *Grimshaw, Allan Leslie .. | 252, Elliott Street, Tyldesley, Lancs |
| 1076 | Jan. 1884 | Grimwade, Henry .. .. .. | Colchester. |
| 5680 | Oct. 1909 | *¶Grogan, Harold Keith .. .. | P.O. Box, 288, Nairobi, Kenya Colo |
| | | | Africa. |
| 5656 | Oct. 1900 | *Grove, Richard Thomas.. .. | Lincluden, Beaumont Road, Wimbled |
| | | | Park, S.W. |
| 5652 | Oct. 1909 | *Grover, Luke Montagu .. .. | Public Works Dept., Accra, Go |
| | | | Coast, W. Africa. |
| 9365 | Oct. 1924 | *¶Grundy, Fred .. .. .. | 200, Henfold Road, Tyldesley, ne |
| | | | Manchester. |
| 5683 | Oct. 1909 | *Gude, Charles, Jun. .. .. | 9, St. Paul's Square, Bedford. |
| 7178 | Oct. 1913 | *†Gudgeon, George Harold .. | The Auction Mart, Winchester. |
| 5082 | Feb. 1907 | *¶†Gumbrell, Leonard Barton.. | 64, King Edward's Grove, Teddingto |
| | | | Middlesex. |
| 7179 | Oct. 1913 | *¶Gurner, Victor Thornton .. | Priory Cottage, Brook Road, Pritt |
| | | | well, Essex. |
| 1525 | Feb. 1900 | *Gurney, Ronald George .. | Ledbury Rural District Council, Le |
| | | | bury, Herefordshire. |
| 5945 | Oct. 1910 | *Gurney, Sidney John .. .. | Llanberis, Hernes Road, Oxford. |
| 8505 | Oct. 1921 | *¶Haddow, Robert Bayne .. | Strowan, Bridge of Weir, N.B. |
| 4180 | Oct. 1903 | *Hagger, George John .. .. | Warwick House, Grove Road, Sutto |
| | | | Surrey. |
| 9366 | Oct. 1924 | *¶Hagger, Guy Montague Wiles .. .. .. .. .. | Town Hall, Greenwich, S.E.10. |
| 8018 | Oct. 1919 | *¶Haggett, Horace Purchase .. | "Cargate," Bryngwyn Road, Newpo |
| | | | Mon. |
| 8200 | Oct. 1920 | *¶Hagon, Leonard .. .. .. | 1, Tavistock Square, Alfreton, Derb |
| | | | shire. |
| 1853 | Oct. 1901 | *¶Haines, Alfred Hubert .. .. | Stanmore, Wye, Kent. |
| 3996 | Oct. 1902 | *Hale, Francis Edward .. .. | |

† Special Sanitary Science Diploma.

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|---|---|---|---|
| 672 | Oct. 1912 | *HALL, CYRIL ALBERT.. .. .. | Survey Dept., Dar-es-Salaam, Tanganyika Territory, British East Africa. |
| 448 | Feb. 1912 | *¶HALL, ERNEST WILLIAM.. .. | Surveyor's Dept., Baghdad, Iraq. |
| 020 | Jan. 1896 | *HALL, FREDERICK WALTER .. | Olliver, Richmond, Yorks. |
| 673 | Oct. 1912 | *HALL, HAROLD LONDESBOROUGH | Studholme, Healey, Batley, Yorks. |
| 039 | Oct. 1919 | *¶HALL, HERBERT GEORGE RHÔNE, CAPTAIN .. .. .. .. .. | 26, Houghly Grove, Armley, Leeds. |
| 674 | Oct. 1912 | *HALL, HERBERT WILLIAM, A.M.I.C.E. | Assistant Engineer, B. & C. D. Railway, Queen's Quay Station, Belfast. |
| 181 | Oct. 1903 | *HALL, MONTAGUE PRESTON .. | 38, Chancery Lane, W.C. |
| 201 | Oct. 1920 | *¶HALL, PATRICK MARTIN .. | Brook House, Warsash, Hants. |
| 202 | Oct. 1920 | *¶HALL, RICHARD LESLIE CARBY . .. .. .. .. | Church House, Roundhay, Leeds. |
| 203 | Oct. 1920 | *¶HALL, THOMAS RAINBIRD .. | 3, Meadway, Gidea Park, Essex. |
| 956 | Oct. 1895 | *HALL, THOMAS BIDDLE .. .. | Hoxne, near Diss, Suffolk. |
| 181 | Oct. 1913 | *¶HALL, WALTER HOWARD, A.M.I.C.E. | 46, Queen's Road, Finsbury Park, N. (Middlesex). |
| 704 | Oct. 1905 | *HALLAM, FRANK VINCENT.. .. | 55, Adolphus Road, Finsbury Park, N.4 (Middlesex). |
| 215 | Oct. 1923 | *¶HALLAM, HENRY ARTHUR .. | 8, Low Pavement, Nottingham. |
| 010 | Oct. 1922 | *¶HALLAM, HENRY CECIL .. | Black Heath Estate Office, Saxmundham, Suffolk. |
| 844 | Nov. 1918 | *¶§HALLS, ARTHUR HAROLD .. | 30, Swiss Avenue, Chelmsford. |
| 171 | Oct. 1907 | *HALSE, LIDNEY JOSEPH .. .. | 13, Yuen Ming Road, Shanghai. |
| 506 | Oct. 1921 | *¶HAMES, PERCIVAL JAMES .. | C.E. in Chief's Department, Admiralty, S.W.1. |
| 792 | Oct. 1905 | *HAMILTON, EDWARD . .. .. | Valuation Dept., L.C.C., Old County Hall, Spring Gardens, S.W.1. |
| 676 | Oct. 1912 | *HAMILTON, JAMES EASTWOOD .. | 78, West Side, Clapham Common, S.W.4. |
| 770 | Feb. 1882 | HAMILTON, JOHN PAYNTER .. | 64 and 65, Coleman Street, E.C. |
| 182 | Oct. 1913 | *HAMMICK, GEORGE FREDERICK .. | Estate Office, Kingsteignton, S. Devon. |
| 839 | Oct. 1910 | HAMMOND, GEORGE ADDISON | Air Ministry, Room 161, Works and Buildings, 4A, Empire House, Kingsway, W.2. |
| 949 | Oct. 1910 | *¶HAMMOND, JOHN BERNARD .. | 8, Bennett Road, Headingley, Leeds. |
| 216 | Oct. 1923 | *¶HAMPSHIRE, EDWIN GEORGE.. | High Street, Northleach, Gloucester. |
| 689 | Oct. 1900 | *¶§HANCOCK, HENRY SYDNEY, JUN. | Sydney Place, St. Austell, Cornwall. |
| 507 | Oct. 1921 | *¶HANKINSON, HAROLD .. .. | 22, Appleton Road, Hale, Cheshire. |
| 598 | Oct. 1915 | *¶HANNAM, GUY NORTON .. .. | 94, Sarsfield Road, Wandsworth Common, S.W. |
| 173 | Oct. 1907 | *¶HANNON, JOHN MICHAEL .. .. | Old County Hall, Spring Gardens, S.W. |
| 675 | Oct. 1894 | *HARDIMAN, HARRY .. .. .. | 6, Wellington Gardens, Battle, Sussex. |
| 204 | Oct. 1920 | *HARDING, CHARLES RICHARD.. | 81, South Street, Yeovil. |

| Dip. No. | Date of Election. | PROFESSIONAL ASSOCIATES. | Address. |
|---|---|---|---|
| 1419 | Dec. 1887 | *Harding, Frederick Allcroft | Willis's Room, King Street, S. James S.W.1. |
| 7184 | Oct. 1913 | *¶Harding, George Pool .. .. | 19, Tankerville Road, Streatham Common, S.W.16. |
| 7845 | Nov. 1918 | *¶Harding, Henry Norman, Major, M.C. | Milton, Thornbury Road, Isleworth, Middlesex. |
| 7846 | Nov. 1918 | *¶Hardman, Edgar Austin .. | Messrs. Montague Holmes & Son, 33, Paternoster Row, E.C.4. |
| 3958 | Oct. 1895 | *Hardwick, Arthur Jessop .. | Eagle Chambers, Kingston-on-Thames, Surrey. |
| 8985 | Feb. 1913 | *¶Hardy, Alan .. .. .. .. | Gilling Keane, Kendal, Westmorland |
| 8205 | Oct. 1920 | *¶Hardy, Cuthbert .. .. .. | 63, Portland Road, West Bridgford, Nottingham. |
| 8206 | Oct. 1920 | *¶Harker, Alec. .. .. .. | 71, Belgrave Road, New Moston, Failsworth, Manchester. |
| 8508 | Oct. 1921 | *¶Harkness, William Alfred | 22, Crescent Villas, Iona Road, Glasnevin. |
| 3690 | Oct. 1900 | *Harlow, William Wyatt Ridgway, A.M.I.C.E. | Orsett House, Birmingham Road, Kidderminster. |
| 4433 | Oct. 1904 | *Harrington, Charles Poland | 43, Arragon Gardens, Streatham Hill, S.W. |
| 4434 | Oct. 1904 | *¶Harrington, Frederick Josiah .. .. .. .. .. | 31, Craven Street, Strand, W.C.2. |
| 8509 | Oct. 1921 | *¶Harris, Francis Kenneth Craig | 11, Hawthorn Street, Cobridge, Stoke-on-Trent. |
| 5689 | Oct. 1909 | *Harris, Horace Samuel .. .. | Merrilee, Mulgrave Road, Cheam, Surrey. |
| 9011 | Oct. 1922 | *¶Harris, James Cole .. .. | Jewry Chambers, Winchester. |
| 9217 | Oct. 1923 | *¶Harris, Samuel .. .. .. | Arley Castle, Bewdley, Worcs. |
| 7185 | Oct. 1913 | *Harris, Wilfrid Henry .. | 85, Dynevor Road, Stoke Newington, N.16. |
| 8510 | Oct. 1921 | *¶Harris, William Murray .. | 10, Ryde Vale Road, Balham, S.W. |
| 9012 | Oct. 1922 | *¶Harrison, Amyas .. .. .. | 29, Elm Bank Mansions, Barnes, Surrey. |
| 2959 | Oct. 1895 | *Harrison, Arthur .. .. .. | The Hermitage, Norton, Durham. |
| 2960 | Oct. 1895 | *Harrison, Cyril H. Gilmore.. | Great Brington, Northampton. |
| 3840 | Oct. 1901 | *Harrison, Ernest .. .. .. | Hillside, Hest Bank, near Lancaster. |
| 3311 | Feb. 1898 | *Harrison, Henry Beauchamp | Newington House, Windsor Forest. |
| 8207 | Oct. 1920 | *¶Harrison, James Allen .. | 4, Treyew Road, Truro. |
| 6681 | Oct. 1912 | *¶Harrison, Norman Simons .. | Field Head, Brierley, near Barnsley |
| 8511 | Oct. 1921 | *¶§Harrison, Percy Charles | Lands Valuation Dept., 249, George Street, Glasgow. |
| 8209 | Oct. 1920 | *¶Harrison, William Michael | "Dunoon," Greenbank Road, Darlington. |
| 9218 | Oct. 1923 | *¶Harry, Howell .. .. .. | Maes Street, Llangennech, S. Wales |

| ). ). | Date of Election. | PROFESSIONAL ASSOCIATES. | Address. |
|---|---|---|---|
| 8 | Oct. 1911 | *Hart, Arthur Reginald Glendower .. .. .. .. | Survey Department, Uganda. |
| 0 | Oct. 1920 | *¶Hart, Frank James .. .. | 106, Sutton Court, Chiswick, W.4 (Middlesex). |
| 2 | Oct. 1908 | *¶Hart, Herbert Edward.. .. | 8, Preshaw Crescent, Lower Green West, Mitcham. |
| 6 | Oct. 1913 | *Hart, Robert .. .. .. .. | Hillcrest, Radcliffe New Road, Whitefield, Manchester. |
| 7 | Oct. 1913 | *Hartland, Kenneth Wright.. | United Services Club, Livingstone, W. Rhodesia, S. Africa. |
| 3 | Oct. 1912 | *Hartridge, Eliot Noel .. .. | 50, St. Augustine's Avenue, S. Croydon. |
| 2 | Oct. 1910 | *Harvey, James Morewood .. | Creglorne, Londonderry. |
| 7 | Nov. 1918 | *Harwood, Walter .. .. .. | Chirambe, Limlie P.O., Nyasaland, Africa. |
| 9 | Oct. 1911 | *Haselgrove, Reginald Howard .. .. .. .. | 6, Ceylon Road, Westcliff-on-Sea. |
| 8 | Oct. 1905 | *¶Haslehust, Eric Thomasset.. | Manor Office, Yealmpton, S. Devon. |
| 2 | Oct. 1921 | *¶Hathaway, Walter Albert | Coshneuk Road, Millerston, near Glasgow. |
| 1 | Oct. 1909 | *Hatton, John Douglas .. .. | 10, King Street, Hereford. |
| 3 | Oct. 1922 | *¶Haugh, James Patrick .. | 107, Beno Road, Pontypridd, S. Wales. |
| 6 | Oct. 1912 | *¶Haughton, Cecil .. .. .. | c/o Messrs. Eiloart & Sons, 40, Chancery Lane, W.C.2. |
| 9 | Oct. 1913 | *Hawkins, William Joseph .. | Land and Estates Department, Port of London Authority, E.C.3. |
| 8 | Nov. 1918 | *¶Haworth, Thomas .. .. .. | Ivanhoe Villas, Walton-le-Dale, near Preston. |
| 9 | Nov. 1918 | *¶Hay, Cuthbert Joseph, Capt. | 11, Weech Road, Hampstead, N.W. |
| 9 | Oct. 1915 | *¶Haycock, Harry .. .. .. | 95, King's Road, Kingston-on-Thames. |
| 5 | Oct. 1907 | *¶Hayes, Frederick Percy .. | The Thornes, New Road, Chesham, Bucks. |
| 6 | Oct. 1903 | *Hayllar, Sidney Hayllar .. | c/o Sadler and Baker, Camberley, Surrey. |
| 7 | Oct. 1912 | *¶Haylock, Henry Evennett .. | 19, Trinity Square, Nottingham. |
| 1 | Oct. 1919 | *¶Haynes, Herbert Cecil .. .. | 16, Montem Road, Forest Hill, S.E.23. |
| 1 | Oct. 1901 | *Hayward, Arthur Baldwin .. | 14, John Street, Adelphi, W.C. |
| 6 | Oct. 1904 | *¶Hayward, Joseph .. .. .. | 4, Randolph Court, Portsdown Road, W.9. |
| 3 | Oct. 1909 | *¶Hayward, William Hansell.. | 8, Breams Buildings, Chancery Lane, E.C.4. |
| 7 | Oct. 1904 | *Hazlett, John Joseph .. .. | Estate Commission Office, Upper Merrion Street, Dublin. |
| 4 | Oct. 1897 | *Head, William Alfred .. .. | 43 and 45, Durham Street, Vauxhall, S.W. |

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|---|---|---|---|
| 5694 | Oct. 1909 | *Heald, Harry Mair .. .. | 3, Alderton Crescent, Hendon, N.W |
| 5176 | Oct. 1907 | *Healy, Harry Prince .. .. | 31, Vivian Avenue, Wembley, M dlesex. |
| 8513 | Oct. 1921 | *¶Hearn, George Leonard .. | India House, 84, Leadenhall Stre E.C.3. |
| 9367 | Oct. 1924 | *¶Heather, John .. .. .. | 70, Lesbourne Road, Reigate, Surr |
| 6693 | Oct. 1912 | *Heaton, Guy .. .. .. .. | 103, Uxbridge Road, Ealing, (Middlesex). |
| 8212 | Oct. 1920 | *¶¶Heaton, John Joseph.. .. | 2, Baildon Hall, Baildon, nr. Br ford, Yorks. |
| 6694 | Oct. 1912 | *¶§Heaven, Frank Henry, A.R.I.B.A. | 39, Coronation Street, Aberken Bridgend, Glamorgan. |
| 8042 | Oct. 1919 | *Hedges, Oscar John .. .. | 15, Castle Street, High Wycombe |
| 8214 | Oct. 1920 | *¶Hedley, Hubert Frederick | 26, Bolingbroke Road, Aylsha Road, Norwich. |
| 7850 | Nov. 1918 | *¶Hedley, Michael Thompson.. | Canwell, Sutton Coldfield, near B mingham. |
| 5955 | Oct. 1910 | *Hedley, Reginald Thomas Fenwick .. .. .. .. .. | 31A, Colmore Row, Birmingham. |
| 5956 | Oct. 1910 | *Heelas, Raymond John .. .. | Town Hall Chambers, Guildford. |
| 7851 | Nov. 1918 | *¶Heeley, Hixon Harry .. .. | Divisional Estate Office, L.M. & Rly., Hunt's Bank, Manchester |
| 8515 | Oct. 1921 | *¶Heeley, Norman .. .. .. | Rating Surveyor's Office, L.M. & S Co., Euston Station, N.W.1. |
| 2526 | Nov. 1892 | *†Hellicar, George Thomas .. | 47, Woodberry Grove, Finsbury Pa N. |
| 7852 | Nov. 1918 | *Hellier, Stanley John, Capt. | Council Offices, Formby, near Liv pool. |
| 8516 | Oct. 1921 | *¶Hemming, Gordon Wayte .. | 70, Ship Street, Brighton. |
| 6696 | Oct. 1912 | *¶Hemmons, Bernard.. .. .. | 10, Cambridge Park, Twickenha Middlesex. |
| 6270 | Oct. 1911 | *Henderson, Lionel Edward.. | "Croftdown," 179, Brighton Ro Purley, Surrey. |
| 5958 | Oct. 1910 | *¶Henderson, Percy Charles .. | 55, Leigham Court Road, Streath Hill, S.W. |
| 5180 | Oct. 1907 | *Henderson, Reginald Alfred | 15, Randall Road, Clifton, Bristol. |
| 8215 | Oct. 1920 | *¶Henderson, Thomas .. .. | 93, Links Street, Kirkcaldy. |
| 4712 | Oct. 1905 | *Hendra, Albert John .. .. | Old County Hall, Spring Garde S.W.1. |
| 6697 | Oct. 1912 | *¶Hendrie, Robert John .. .. | Borough Surveyor's Office, Gilm Street, Paisley. |
| 7194 | Oct. 1913 | *¶Hendy, Alfred .. .. .. .. | 39, Barras Lane, Coventry. |
| 928 | Apr. 1883 | Henry, Edward Hugh .. .. | 73, High Street, Clapham, S.W. |
| 8216 | Oct. 1920 | *¶Henshaw, Lindley, M.C. .. | Oakleigh, Davenport Park, Sto port. |

¶ Special Rating Diploma. † Special Sanitary Science Diploma.

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|---|---|---|---|
| 09 | Oct. 1912 | *Herdman, Thomas Adam .. | Tynedale, Westerhope, near Newcastle-on-Tyne. |
| 11 | Oct. 1911 | *Herring, Ernest Leonard .. | c/o Messrs. Rumsey and Rumsey, 116, Poole Road, Bournemouth West. |
| 17 | Oct. 1921 | *¶Heslop, John Redvers .. | The Oaks, Burnopfield, Co. Durham. |
| 15 | Oct. 1902 | *¶Hewett, Richard .. .. .. | 13, High Street, Battle, Hastings. |
| 18 | Oct. 1921 | *¶Hewitt, Albert Tenyson Morley | The Old Manor House, Fordingbridge, Hants. |
| 38 | Oct. 1924 | *¶Heynes, Herbert .. .. .. | 105, Shelley Avenue, Manor Park, E.12. |
| 59 | Oct. 1910 | *¶Heywood, Reginald .. .. | County Surveyor's Department, Lancashire County Council Offices, Preston. |
| 13 | Oct. 1901 | *Hickman, Arthur Murhall .. | Pride Hill Chambers, Shrewsbury. |
| 16 | Oct. 1905 | *Hickman, Frank Davis .. .. | 9–11, Trust Buildings, Fox Street, Johannesburg, S. Africa. |
| 01 | Oct. 1912 | *Hickman, Henry Richard .. | 22, Moorgate Street, E.C.2. |
| 02 | Oct. 1912 | *¶Hicks, Stanley Vyvian (*Professional Associate of Council*) | Lincoln House, 300, High Holborn, W.C.1. |
| 20 | Oct. 1921 | *¶Hickson, Francis Vincent .. | The Mains, Cleghorn, Lanark, Scotland. |
| 14 | Oct. 1919 | *Hill, John Stuart .. .. .. | c/o Mr. Foster, Vicars Court, Lincoln. |
| 03 | Oct 1912 | *Hill, Stanley .. .. .. .. | 56, Stuart Crescent, Stanmore, Winchester. |
| 00 | Oct. 1915 | *¶Hill, Sydney Norman .. .. | Lansdowne, Baker Street, Enfield, Middlesex. |
| 08 | Oct. 1913 | *§¶Hill, Thomas Cuthbertson.. | 4, Cavendish Place. Jesmond, Newcastle-on-Tyne. |
| 04 | Oct. 1912 | *Hill, Thomas Goundrey.. .. | The Nook, Foxcombe Hill, Oxford. |
| 19 | Oct. 1923 | *¶Hill, Victor Falkland .. | c/o Messrs. J. L. Milne & Bourne, 43, Cannon Street, Birmingham. |
| 21 | Oct. 1921 | *¶§Hill, William Archibald .. | 83, Upland Road, East Dulwich, S.E.22. |
| 15 | Nov. 1918 | *¶Hillary, Norman, Capt., m.c. | The Peak, Basingstoke, Hants. |
| 04 | Oct. 1906 | *Hilliard, Hugh Neville.. .. | Chelmsford. |
| 15 | Oct. 1912 | *Hills, Walter Vaughan .. | 30, Durlston Road, Upper Clapton, E.5. |
| 4 | Oct. 1922 | *¶Hills, William Thomas .. | 36, Hyde Road, Paignton, Devon. |
| 6 | Oct. 1912 | *Hilton, Oswald P. F., a.m.i.c.e. | Deputy Surveyor, Council House, Hounslow, Middlesex. |
| 7 | Oct. 1920 | *¶Hindmarsh, James .. .. | 7, Institute Terrace, Bearpark, Durham. |
| 6 | Oct. 1908 | *Hingley, Joseph Bloomer .. | Bank Chambers, Nuneaton, Warwickshire. |

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|---|---|---|---|
| 6274 | Oct. 1911 | *Hipkin, John .. .. .. .. | 317, East India Dock Road, Poplar, |
| 6709 | Oct. 1912 | *Hirst, Byrom .. .. .. .. | 6, Dunedin Road, Ilford, Essex. |
| 7202 | Oct. 1913 | *¶Hirst, Charles Henry, B.Sc. | The White Cottage, Thornbury Ro Osterley Park, Middlesex. |
| 5696 | Oct. 1909 | *¶Hirst, William Frederick .. | Claremont, Rothwell, near Leeds. |
| 7203 | Oct. 1913 | *Hitchins, Stephen .. .. .. | 75, Hillfield Park, Muswell Hill, (Middlesex). |
| 6711 | Oct. 1912 | *Hitchins, Walter William .. | University College, Reading. |
| 8523 | Oct. 1921 | *¶Hobbs, Herbert Prenzel .. | 10, Marsden Street, Manchester. |
| 4442 | Oct. 1904 | *Hobson, Frederick Vachell.. | 54/55, London Wall, E.C. |
| 6712 | Oct. 1912 | *Hockley, George William .. | 130, Mount Street, W.1. |
| 1892 | Nov. 1890 | *Hodgkinson, James Henry .. | 23, Delamere Street, Ashton-under-L Lancashire. |
| 8218 | Oct. 1920 | *¶Hodgkinson, Owen Allen | 55, St. Michael's Road, Maesteg, G |
| 5184 | Oct. 1907 | *¶Hodson, Anthony George .. | Sunnybank, Kingston Road, Lev |
| 5185 | Oct. 1907 | *Hodson, Frederic Henry .. | 26, Pretoria Road, Streatham Pa S.W. |
| 7206 | Oct. 1913 | *¶§Hodson, Henry Moulton .. | Rhyddington, Clifton Drive, Lytha |
| 9369 | Oct. 1924 | *¶Hogbin, Leslie Morgan Tom | 73, Crescent Road, Ramsgate. |
| 8045 | Oct. 1919 | *¶Hoggarth, William Edward Thomas | 67, Bishop's Mansions, Bishop's P Road, S.W.6. |
| 4191 | Oct. 1903 | *Holbeche, Nigel Laurence .. | 21, Bennett's Hill, Birmingham. |
| 4192 | Oct. 1903 | *Holditch, Charles Stanley .. | 21, Lockyer Street, Plymouth. |
| 9370 | Oct. 1924 | *¶Holdsworth, Arnold Percy | 160, Rock Street, Sheffield. |
| 5963 | Oct. 1910 | *¶Hole, William Gerald .. .. | Bovey Tracey, S. Devon. |
| 8219 | Oct. 1920 | *¶Holiday, William Garnet.. | Valuation Office, Inland Revenue, Shoot-up Hill, Brondesbury, N. |
| 8220 | Oct. 1920 | *¶§Holliday, John .. .. .. | Estate Office, Greysouthen, Cock mouth, Cumberland. |
| 2458 | Nov. 1891 | *Hollis, Herbert, A.M.I.C.E. .. | 3, Grovely Road, Wilton, Salisbur |
| 2459 | Nov. 1891 | *Hollis, Ralph .. .. .. .. | Springfield, Skirlaugh, Hull. |
| 8524 | Oct. 1921 | *¶Hollowell, Harry .. .. | c/o Messrs. Crow, 76, South Str Dorking, Surrey. |
| 9371 | Oct. 1924 | *¶Holman, Frederick Cyril .. | c/o Town Engineer, Coomassie, G Coast Colony, W. Africa. |
| 4968 | Oct. 1906 | *Holman, Luther Martin.. .. | "Brooklyn," Ditchling Road, Brighton. |
| 2630 | Oct. 1894 | *Holmes, John Edward .. .. | 7, Tiverton Mansions, W.C.1. |
| 8221 | Oct. 1920 | *¶Holmes, John Stanley Gartside | Borough Engineer's Office, Dewsb Yorks. |
| 5468 | Oct. 190- | *Holt, Edward .. .. .. .. | Clifden, Southborough Drive, W cliff-on-Sea. |
| 8912 | Jan. 1922 | Holt, Frank Bransbury .. | Public Works Dept., Pretoria, So Africa. |

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|---|---|---|---|
| 3 | Jan. 1922 | HOLT, WALTER JAMES .. .. | 26, Old Burlington Street, W.1. |
| 0 | Oct. 1896 | *HOMFRAY, HERBERT RICHARDS.. | Penllyn Castle, Cowbridge, R.S.O., S. Wales. |
| 5 | Oct. 1922 | *¶HONEY, JAMES REGINALD CHARLES | 21, Bron-awelan, Barry Garden Suburb, Barry, Glam. |
| 2 | Oct. 1924 | *¶HOOD, JOHN PATERSON .. .. | 6, Willowbank Crescent, Glasgow, C.3. |
| 7 | Oct. 1919 | *¶HOOK, ALBERT .. .. .. .. | 26, Woods Lane, Stapenhill, Burton-on-Trent. |
| 5 | Oct. 1921 | *¶HOOPER, ARNOLD FIELDER (*Secretary of Junior Meetings*) | Norfolk House, Norfolk Street, W.C.2 |
| 0 | Oct. 1913 | *HOOPER, ARTHUR HENRY.. .. | 15, Sefton Park Road, Ashley Down, Bristol. |
| 2 | Oct. 1913 | *HOPE, JOHN LEO .. .. .. | c/o Falconer & Baker, Amberley, Gloucestershire. |
| 3 | Oct. 1913 | *¶HOPPER, GEORGE .. .. .. | 1, Prospect Street, Bridlington. |
| 3 | Oct. 1903 | *HORDER, GERALD MORLEY.. .. | 40, Catherine Street, Westminster, S.W. |
| 6 | Oct. 1921 | *¶HORNE, EDWIN CHANCELLOR | 57, Hanworth Road, Hounslow, Middlesex. |
| 0 | Oct. 1923 | *¶HORTON, EDWARD WILLIAM .. | 27, Cropley Street, New North Road, N.1. |
| 1 | Oct. 1911 | *¶HOSEGOOD, FRANK .. .. .. | "Holmsley," Holway, Taunton. |
| 0 | Oct. 1908 | *¶HOSGOOD, RALPH BRIAN .. .. | 84, Osbaldeston Road, N.16. |
| 1 | Oct. 1905 | *¶HOSKING, HAROLD ARTHUR .. | County Surveyor's Department, County Hall, Wakefield. |
| 4 | Oct. 1913 | *HOSKING, THOMAS STANLEY, A.R.I.B.A. .. .. .. .. | 20, Macaulay Road, S.W.4. |
| 2 | Oct. 1920 | *¶HOTSON, ANDREW .. .. .. | P.W.D., Salisbury, S. Rhodesia. |
| 9 | Feb. 1912 | *¶HOUGHTON, JOHN HENRY.. .. | c/o Messrs. W. Hallett & Co., 451, Edgware Road, W.2. |
| 8 | Oct. 1910 | *HOULDSWORTH, AUSTIN FRANK | Bridge Chambers, Monument Bridge, Hull. |
| 1 | Oct. 1923 | *¶HOULT, HERBERT .. .. | 8, River View, New Ferry, Cheshire. |
| 7 | Oct. 1922 | *¶HOWARD, ALBERT PERCIVAL .. | District Estate and Rating Office, 12, Paton Street, Piccadilly, Manchester. |
| 7 | Nov. 1918 | *HOWARD, ALGERNON .. .. | 39, Oxford Road, Putney, S.W.15. |
| 7 | Oct. 1921 | *¶HOWARD, EDWARD HUMPHREY | Fronheulog, The Belan, Welshpool, Montgomeryshire. |
| 3 | Oct. 1924 | *¶HOWE, ROBERT NORMAN .. | 45, Dukes Avenue, Muswell Hill, N.10. |
| 6 | Jan. 1883 | HOWELL, ERNEST JOHN .. .. | 88A, Cromwell Road, S.W. |

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|---|---|---|---|
| 7217 | Oct. 1913 | *¶Howie, John .. .. .. .. | H.M.O.W., 4 & 5, Drumsheugh G dens, Edinburgh. |
| 7218 | Oct. 1913 | *Howkins, Gilbert .. .. .. | The Elms, Crick, Rugby, Warwic shire. |
| 7219 | Oct. 1913 | *¶Howlett, Arthur Royce .. | High Street, Hurstpierpoint, Sussex |
| 6719 | Oct. 1912 | *¶Howse, Evan George .. .. | 61, Stackpool Road, Southvill Bristol. |
| 8528 | Oct. 1921 | *¶Howse, Frederick Thomas Lane .. .. .. .. .. | The Poplars, Beckley, Sussex. |
| 7220 | Oct. 1913 | *Hoyle, Henry Armitage.. .. | 176, Birkby Hall Road, Birkl Huddersfield. |
| 8529 | Oct. 1921 | *Hubbard, Frederick Frank | 66, Woodbridge Road, Ipswich. |
| 5969 | Oct. 1910 | *¶Huckstep, John Edward .. | 24th District, 2nd Floor, 21, Spri Gardens, Manchester. |
| 9018 | Oct. 1922 | *¶Hudson, Alan Albert .. .. | 34, Ewelme Road, S.E.23 |
| 7221 | Oct. 1913 | *Hudson, James Alexander .. | The Cottage, Ashgate, nr. Chest field. |
| 8530 | Oct. 1921 | *¶Huffell, Alfred Charles .. | Hewens Corner, Hillingdon Hea Hayes, Middlesex. |
| 6721 | Oct. 1912 | *¶Hughes, Basil, A.R.I.B.A. .. | 4, Raymond Buildings, Gray's I W.C. |
| 7688 | Nov. 1916 | *¶Hughes, Ernest .. .. .. | 129, West Derby Road, Liverpool. |
| 9019 | Oct. 1922 | *¶Hughes, George Henry Augustus .. .. .. .. | 13, North Street, Ashford, Kent. |
| 8048 | Oct. 1919 | *¶Hughes, Leslie .. .. .. | 69, Bank Chambers, 329, High H born, W.C.1. |
| 8531 | Oct. 1921 | *¶Hughes, Norman .. .. .. | Morva, King's Lane, Rock Fer Birkenhead. |
| 9222 | Oct. 1923 | *¶Hughes, Reginald George.. | 60, Cotswold Road, Westcliff-on-S |
| 9020 | Oct. 1922 | *¶Hughes, Thomas .. .. .. | Theobald's Lodge, Radlett Ro Boreham Wood, Herts. |
| 5475 | Oct. 1908 | *¶Hughes, William Parry.. .. | Avondale, Menai Bridge Anglese |
| 6114 | Feb. 1911 | *¶Hughesdon, Gerald Edward.. | 2, Abingdon Road, Kensington H Street, W. |
| 7224 | Oct. 1913 | *Humphreys, Reginald .. .. | Clifden House, Brentford, W. (Mid sex). |
| 7225 | Oct. 1913 | *¶Humphries, John Buckle .. | 8, Laisteridge Lane, Bradford, Yor |
| 6722 | Oct. 1912 | *Hunt, Harry .. .. .. .. | c/o Hall, Wateridge & Owen, Shre bury. |
| 8532 | Oct. 1921 | *Hunt, Maurice Leonard .. | 9, Drapers Road, Enfield, Middles |
| 8533 | Oct. 1921 | *¶Hunt, Reginald Wilfrid Richard .. .. .. .. | 54, Westbourne Road, Luton. |
| 9021 | Oct. 1922 | *¶Hunter, Vivian John .. .. | c/o Smith & Hunter, Ltd., Da Lane, Scunthorpe, Lincolnshi |
| 4725 | Oct. 1905 | *¶§Hurcomb, Harold Francis .. | Graycote, Ledborough Lane, Beac field, Bucks. |

¶ Special Rating Diploma.

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|---|---|---|
| Oct. 1920 | *¶HURST, NORMAN .. .. .. | 34, Hill's Avenue, Cambridge. |
| Oct. 1906 | *¶HUTCHINGS, SIR ALAN, K.B.E. | 60, Eaton Terrace, S.W.1. |
| Oct. 1922 | *¶HUTCHINSON, WILLIAM HAMILTON | 94 Palewell Park, East Sheen, S.W.14 (Surrey). |
| Oct. 1920 | *¶HUTSON, REGINALD ARTHUR | Council Offices, Carshalton, Surrey |
| Oct. 1920 | *¶HUTTON, GEORGE ROY .. .. | "Woodrow House," Forest, Melksham, Wilts. |
| Oct. 1924 | *¶HYATT, MALCOLM PORTAL .. | c/o African Manganese Co., Ltd., P.O. Box 204, Seccondee, Gold Coast, West Africa. |
| Oct. 1912 | *¶HYND, JOHN .. .. .. ... | 23, Westbourne Grove, Withington, Manchester. |
| Oct. 1905 | *¶IBBOTSON, WILLIAM BYROM .. | Bye Wood, Boyle Farm, Thames Ditton, Surrey. |
| Oct. 1923 | *¶INGHAM, CHARLES RUSSELL .. | Manor House, Lockington, Yorks. |
| Oct. 1912 | *¶INGHAM, GEORGE TAYLOR.. .. | 42, Deansgate, Manchester. |
| Oct. 1911 | *INGHAM, WALTER .. .. .. | c/o Metropolitan Asylums Board, Sheffield House, Sheffield Street, W.C.2. |
| Oct. 1906 | *¶INGLEBY, ERNEST JAMES, N.D.A. | Hillside, Buckover, Falfield, Glos. |
| Oct. 1924 | *¶INGLIS, ARCHIBALD .. | 79, Woodville Gardens, Langside Glasgow. |
| Nov. 1918 | *INGLIS, ROBERT CUMMING .. | 37, Lawrence Street, Dowanhill, Glasgow. |
| Oct. 1920 | *INGMAN, GEORGE EDGAR .. | 47, Foregate Street, Worcester. |
| Oct. 1907 | *¶INGRAM, EDWARD CECIL .. .. | The Cottage, Sturminster Newton, Dorset. |
| Oct. 1912 | *INMAN, WILLIAM CHARLES.. .. | 6, New Square, Lincoln's Inn, W.C.2. |
| Nov. 1890 | *INNES, GILBERT PLANTAGENET MITCHELL.. .. .. .. .. | Woodside, Peasmarsh, Sussex. |
| Oct. 1919 | *IRELAND, ALAN.. .. .. .. | 3, Clarence Road, Manor Park, E.12 (Essex). |
| Oct. 1911 | *¶IRELAND, ERNEST ARTHUR.. .. | 6, Grosvenor Gardens, East Sheen, S.W.14 (Surrey). |
| Oct. 1905 | *ISARD, ERNEST .. .. .. .. | 66, Dangan Road, Wanstead, E.11 (Essex). |
| Oct. 1909 | *¶ISITT, FREDERICK HARVEY.. .. | 18, Rue Chauveau Lagarde, Paris (VIII$^{e}$), France. |

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|---|---|---|---|
| 4728 | Oct. 1905 | *¶ISITT, SAMUEL GILBERT, N.D.A. .. | Estate Office, Southill Park, Bigg wade, Beds. |
| 8534 | Oct. 1921 | *¶IVENS, FREDERIC WESTLEY .. | The Poplars, Sutton Park Ro Kidderminster, Worcestershire |
| 2682 | Oct. 1894 | *JACKSON, ALFRED ERNEST.. .. | Town Hall, Southport. |
| 2683 | Oct. 1894 | *JACKSON, EDWARD HENRY.. .. | Rearsby, Windermere, Westmorlan |
| 8227 | Oct. 1920 | *JACKSON, FRANCIS JOSEPH .. | Ranmore, Thetford Road, Ashf Middlesex. |
| 6728 | Oct. 1912 | *JACKSON, JOHN EDWARD .. .. | 132, King Street, Dukinfield, Manche |
| 5972 | Oct. 1910 | *¶JACKSON, LAMBERT .. .. .. | 36, Broadstone Park, Inverness, N |
| 4007 | Oct. 1902 | *¶JACKSON, RICHARD STEPHENS .. | 38, Sidney Road, Beckenham, Ken |
| 6729 | Oct. 1912 | *¶JACKSON, THOMAS HORNSBY .. | Parkfield, Rawdon, near Leeds. |
| 8535 | Oct. 1921 | *¶JACKSON, WILLIAM .. .. .. | 101, Queens Road, Wimbled S.W.19 (Surrey). |
| 8051 | Oct. 1919 | *¶JACKSON, WILLIAM MARTIN .. | The Mount, Snydale Road, Norm ton, Yorks. |
| 9025 | Oct. 1922 | *¶JAMES, FRANK COURTENAY .. | 2, Pembroke Road, Bournemou |
| 5702 | Oct. 1909 | *¶JAMES, FRANK J. .. .. .. | 151, Wymering Mansions, Maida V |
| 6730 | Oct. 1912 | *JAMES, HARRY .. .. .. .. | The Park, Arundel. |
| 5973 | Oct. 1910 | *JAMES, HERBERT CECIL .. .. | Municipal Offices, Raine Stree Wapping, E.1. |
| 6292 | Oct. 1911 | *¶JAMES, JOEL JENKINS.. .. .. | Pantyphillip, Dwrbach, Pembrokesh |
| 7865 | Nov. 1918 | *JAMES, JOHN GEOFFREY .. .. | c/o Messrs. Ker & Co., Manila, P ippine Islands, West Indies. |
| 7233 | Oct. 1913 | *¶JAMES, WALTER ASHMAN .. .. | The Bungalow, Station Road, Nail Bristol (Somerset) |
| 5195 | Oct. 1907 | *JAMES, WILLIAM GEORGE .. .. | 14, Augustus Road, Wimbledon P S.W. |
| 7234 | Oct. 1913 | *¶JAMIESON, WILLIAM ARTHUR .. | Borough Engineer's Office, Weymo Dorset. |
| 9026 | Oct. 1922 | *¶JAMIESON, WILLIAM LEASK .. | Senga, Scott Street, Largs, Ayrsh |
| 7235 | Oct. 1913 | *JAMRACH, HENRY CHARLES .. | St. Quintin, Son & Stanley, Clement's Lane, Lombard Str E.C.3. |
| 4732 | Oct. 1905 | *¶JANES, WALTER JOSEPH .. .. | Ashdale, Kempshott Road, Streat S.W. |
| 2630 | Feb. 1894 | *JARRETT, THOMAS WILLIAM .. | 124, East Street, Sittingbourne, Ke |
| 7236 | Oct. 1913 | *JARVIS, LOUIS JOHN WALLACE.. | 6, King's Bench Walk, Inner Tem E.C.4. |

| p. | Date of Election. | PROFESSIONAL ASSOCIATES. | Address. |
|---|---|---|---|
| 3 | Oct. 1905 | *JECKELLS, WILLIAM AUGUSTUS.. | C.E. in Chief's Dept., Archway Block S, Admiralty, S.W.1. |
| 3 | Oct. 1911 | *JEFFERIES, HERBERT GEORGE, A.R.I.B.A. | Mount Pleasant, Cranbrook Road, Barkingside, Essex. |
| 6 | Oct. 1921 | *¶JEFFREY, RUFUS À BARROW .. | Don Head, near Salisbury. |
| 6 | Oct. 1924 | *¶JEFFRIES, PERCY EDWARD REGINALD .. .. .. .. | 283, Bramford Road, Ipswich. |
| 2 | Oct. 1912 | *¶JENKINS, ALBERT HENRY HOPKIN .. .. .. .. .. | Blackmill, near Bridgend, Glam. |
| 8 | Oct. 1920 | *¶JENKINS, RALPH EMERSON .. | 3, Morpeth Terrace, S.W.1. |
| 6 | Nov. 1918 | *JENKINS, REGINALD ARTHUR BLEWITT .. .. .. .. .. | 4, College Street, Swansea. |
| 4 | Oct. 1906 | *¶JENKINSON, SAMUEL STEWART.. | G.E.R. Land Agent's Office, Liverpool Street Station, E.C. |
| 7 | Oct. 1910 | *JENNINGS, FREDERICK GEORGE.. | 22, Wote Street, Basingstoke, Hants. |
| 9 | Oct. 1920 | *¶JENNINGS, GORDON SOTHAM | Moseley, Rectory Road, Rochford, Essex. |
| 4 | Oct. 1909 | *¶JENNINGS, WALTER HENRY .. | Bemvinda, Queen's Road, Kingston Hill, Surrey. |
| 4 | Oct. 1923 | *¶JOHNSON, FITZROY EDWARD .. | Dale Side, Henley Road, Ipswich. |
| 0 | Oct. 1900 | *JOHNSON, FREDERICK JOHN .. | Holmwood, Standon Road, Much Hadham, Herts. |
| 8 | Oct. 1907 | *¶‡JOHNSON, HERBERT DAVIES | District Valuer's Office, 5, Queen Street, Lancaster. |
| 9 | Oct. 1910 | *¶JOHNSON, HERBERT THOMAS .. | Resident Engineer, Works and Buildings Dept., R.A.F. Aerodrome, Wittering, near Wansford, Peterborough. |
| 7 | Oct. 1921 | *JOHNSON, PERCIVAL LEONARD | 1, Sumburgh Road, Clapham Common, S.W.12. |
| 7 | Oct. 1922 | *¶JOHNSON, RAYMOND EDGAR .. | 47, Cowley Road, Uxbridge, Middlesex. |
| 0 | Oct. 1920 | *¶JOHNSON, ROLAND FINNIS .. | 37, Rotherwick Road, Golders Green, N.W.4 (Middlesex). |
| 8 | Oct. 1921 | *¶JOHNSON, WILLIAM SPENCER.. | Milford Leys, Castlethorpe, Bucks. |
| 6 | Oct. 1911 | *JOHNSTON, ROBERT JAMES.. .. | Survey Dept., Colombo, Ceylon. |
| 8 | Oct. 1922 | *¶JOHNSTONE, PETER .. .. | Estate Dept., Calico Printers Association, Ltd., 4, West Regent Street, Glasgow. |
| 7 | Oct. 1924 | *¶JOHNSTONE, ROBERT WILLIAM | Dryden Villa, Roslin, Midlothian. |
| 8 | Oct. 1913 | *¶JOLLIFFE, REGINALD .. .. .. | 6, Shooter's Hill, Cowes, I. of W. |
| 8 | Oct. 1911 | JOLLY, WILLIAM JOHN .. .. | St. Audrey's, Thetford, Norfolk. |
| 1 | Oct. 1920 | *¶JONAS, HARRY CARTER .. .. | 8, Suffolk Street, S.W.1. |
| 8 | Oct. 1900 | *¶JONES, ARTHUR BAYLY .. .. | 34, Clement's Lane, Lombard Street, E.C. |
| 5 | Oct. 1909 | *JONES, ARTHUR DEW.. .. .. | City Engineer's Office, Town Hall, Manchester. |

‡ Special Forestry Diploma.

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|---|---|---|---|
| 7867 | Nov. 1918 | *JONES, ARTHUR RYLAND .. | 62, Home Park Road, Wimbledo Park, S.W.19 (Surrey). |
| 8539 | Oct. 1921 | *JONES, BENJAMIN THOMAS .. | Ael-y-Bryn, Vivian Street, Tylo town, Glam. |
| 5478 | Oct. 1908 | *¶JONES, CHARLES THOMAS .. .. | 124, St. Albans Avenue, Bedford Pa Chiswick, W. (Middlesex). |
| 8540 | Oct. 1921 | *¶JONES, ELLIS .. .. .. .. | c/o 53, Balmoral Terrace, Bisho thorpe Road, York. |
| 7240 | Oct. 1913 | *¶JONES, ERNEST HYWEL .. .. | 65, Newsham Drive, Liverpool. |
| 7241 | Oct. 1913 | *¶JONES, EVAN ROBERT PULESTON | 3, Greenfields, Welshpool, Mo gomeryshire. |
| 9029 | Oct 1922 | *¶§JONES, FRANCIS ELMORE .. | Fernside, Woodside Park Road, Finchley, N.12 (Middlesex). |
| 6297 | Oct. 1911 | *¶JONES, GEORGE .. .. .. .. | 12, High Street North, Dunsta Beds. |
| 7242 | Oct. 1913 | *¶JONES, GERALD FRANCIS, O.B.E. | 69, Bank Chambers, 329, High H born, W.C.1. |
| 9030 | Oct. 1922 | *¶JONES, HAROLD NEWTON .. | 34, Grove Road, Balham, S.W. |
| 8232 | Oct. 1920 | *¶JONES, HORACE EDWARD .. | 7, Chatsworth Road, Croydon. |
| 8233 | Oct. 1920 | *¶§JONES, JOHN THOMAS .. .. | Bryn Rhigos, near Aberdare, Gla |
| 9225 | Oct. 1923 | *¶JONES, LEWIS .. .. .. .. | 22, Edward Terrace, Cardiff. |
| 8542 | Oct. 1921 | *¶JONES, MERVYN CAMPBELL .. | Skinners Hall, 9, Dowgate H Cannon Street, E.C. |
| 7243 | Oct. 1913 | *JONES, OSCAR WYNNE .. .. | Minydon, Pwllheli, N. Wales. |
| 8544 | Oct. 1921 | *JONES, PERCY BEAUMONT .. | 86, Station Road, King's Nort Warwickshire. |
| 8914 | Jan. 1922 | ¶JONES, REGINALD .. .. .. | 1, Windy Nook, Garstang Ro Fulwood, Preston. |
| 6298 | Oct. 1911 | *¶JONES, RICHARD LEWIS .. .. | Penwenallt, Newcastle Emlyn, C marthenshire. |
| 6735 | Oct. 1912 | *¶JONES, ROBERT JOHN .. .. .. | 3, Clive Place, Penarth, Glamorga |
| 6736 | Oct. 1912 | *¶JONES, ROLAND THOMAS .. .. | Bryn Myfyr, College Road, Bang N. Wales. |
| 6968 | Feb. 1913 | *¶JONES, RONALD KELSEY .. .. | 166, Oakwood Court, Kensington, |
| 7603 | Oct. 1915 | *¶JONES, STANLEY WARREN .. .. | 5, Queen's Avenue, Porthca Glam. |
| 5201 | Oct. 1907 | *JONES, WALTER GEORGE .. .. | 3, Merton Road, Walthamstow, E (Essex). |
| 8284 | Oct. 1920 | *¶JONES, WILFRED ESMOND .. | Allowah, Ashley Rise, Walton- Thames. |
| 8545 | Oct. 1921 | *¶JOSELAND, ARTHUR RICHARD NORMAN | Baveno, Atlantic Road South, W ton-super-Mare. |
| 9378 | Oct. 1924 | *¶JOSELAND, LEONARD .. .. | Bank Buildings, Kidderminster, Worcs. |
| 7245 | Oct. 1913 | *JOWETT, HENRY SAVILE .. .. | Valuation Department, Inland Reve Huddersfield. |

| p. b. | Date of Election. | PROFESSIONAL ASSOCIATES. | Address. |
|---|---|---|---|
| 6 | Oct. 1921 | *¶Joy, Gilbert Alan .. .. | Melrose, Graham Road, Mitcham, Surrey. |
| 1 | Nov. 1891 | *Joyce, Harry Ward, b.sc. .. | Alton Grange, Ashby-de-la-Zouch, Leicestershire. |
| 7 | Oct. 1912 | *Joyce, Horace Francis .. .. | 26, Buckingham Gate, S.W.1. |
| 8 | Oct. 1912 | *¶Kay, George .. .. .. .. | District Valuer's Office, Top o' Town House, Dorchester. |
| 3 | Oct. 1919 | *¶Keasley, William Eric .. .. | "Homeleigh," Robin Hood Lane, Sutton, Surrey. |
| 9 | Oct. 1924 | *¶Keay, Henry Robert .. .. | 18, Castle Street, Rothesay. |
| 6 | Oct. 1902 | *¶Keele, John Daniel.. .. .. | Glencairn, Fairview Road, Sutton, Surrey. |
| 9 | Oct. 1912 | *¶Keen, Arnold Grey .. .. | London & North Eastern Railway Co., Great Eastern Section, Estate Dept., Liverpool Street Station, E.C.2. |
| 6 | Oct. 1913 | *Keen, Arthur Auger .. .. | 153, Hamlet Gardens, Ravenscourt Park, W. |
| 4 | Oct. 1901 | *Keighley, Samuel .. .. .. | 60, Albion Street, Burnley. |
| 9 | Feb. 1913 | *Keighley, Samuel, Jun. .. .. | 70, Albion Street, Burnley. |
| 1 | Oct. 1911 | *¶Kekewich, Stanley Buck .. | 15, St. Mary's Bootham, York. |
| 5 | Oct. 1901 | *Kelleway, Herbert Davies .. | 20, Hanover Square, W.1. |
| 5 | Oct. 1900 | *¶Kelly, Arthur Ralph .. .. | 108, Finchley Road, N.W. |
| 4 | Oct. 1899 | *Kelly, GeorgeWilliam Calver | 29, Monnow Street, Monmouth. |
| 3 | Oct. 1907 | *Kemp, Harry Graeme .. .. | Aldringham, Saxmundham, Suffolk. |
| 6 | Oct. 1900 | *Kemsley, Norman Bolton .. | Broad Street House, New Broad Street, E.C. |
| 0 | Oct. 1924 | *¶Kemsley, Roger Hugh .. | Thrifts Hill, Theydon Bois, Epping, Essex. |
| 7 | Oct. 1909 | *Kennard, Alfred James.. .. | 33-35, High Street, Croydon. |
| 9 | Nov. 1918 | *¶Kennard, Cecil.. .. .. .. | 13, Railway Approach, London Bridge, S.E.1. |
| 8 | Oct. 1909 | *Kennard, Frederick Harrison | Norfolk House, Norfolk Street, W.C.2. |
| 1 | Oct. 1924 | *¶Kennaugh, Thomas Hudson | 2, Woodside Terrace, Douglas, Isle of Man. |
| 3 | Oct. 1923 | *¶Kenney, Cyril Ernest .. | 24, Paulton Square, Chelsea, S.W.3. |

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|---|---|---|---|
| 4198 | Oct. 1903 | *KENT, PHILIP, JUN. .. .. .. | 9,Milner Place, Stanmore, Winchest |
| 7248 | Oct. 1913 | *¶KENT, STANLEY HENRY GLADSTONE .. .. .. .. .. | 19, Croxted Road, Dulwich, S.E.2 |
| 6710 | Oct. 1912 | *¶KENYON, HAROLD DUMELLO .. | 7, De Grey Street, York. |
| 4199 | Oct. 1903 | *§KER, ARTHUR PRESTON .. .. | County Land Agent, 17, Claremo Place, Newcastle-upon-Tyne. |
| 1077 | Jan. 1884 | KERR, ARTHUR HERBERT .. .. | Lyndhurst, Malton, Yorks. |
| 9227 | Oct. 1923 | *¶KERR, JOHN SANDERSON .. | 2, Tay Terrace, Broughty Ferr Dundee. |
| 9382 | Oct. 1924 | *¶KERSHAW, CYRIL .. .. .. | 1, Beverley Place, Akroydon, Halif |
| 8547 | Oct. 1921 | *¶KEY, THOMAS GARBUTT .. | Brae Banks, Upminster Hill, Upm ster, Essex. |
| 8235 | Oct. 1920 | *¶KEY, WILLIAM DONALD, A.R.I.B.A. | Cardington, Mayfair Gardens, U minster, Essex. |
| 9241 | Oct. 1897 | *¶KIBBLEWHITE, HENRY JAMES TRELEAVEN | Architect's Department, New Coun Hall, S.E.1. |
| 5206 | Oct. 1907 | *¶KIFT, GEORGE ANSLEY .. .. | Abbey House, Selby, Yorks. |
| 5709 | Oct. 1909 | *¶KILFORD, WILLIAM GEORGE .. | Hunts County Council, 68, Hig Street, Huntingdon. |
| 7250 | Oct. 1913 | *¶KILLENDER, HENRY CLAUDE, A.R.I.B.A. | Jubilee Buildings, 16, Lord Stre Liverpool. |
| 8054 | Oct. 1919 | *¶KING, DUDLEY BERTRAM.. .. | 7, Craigton Road, Well Hall, S.E |
| 9031 | Oct. 1922 | *¶KING, ERIC FRANK HULME, B.A. (*Cantab.*) .. .. .. | Park Farm, Horsham, Sussex. |
| 3856 | Oct. 1901 | *KING, FREDERICK AUGUSTUS .. | 32, Isledon Road, Finsbury Park, N. |
| 5980 | Oct. 1910 | *¶KING, GILBERT RIGLEY .. .. | Town Hall, Twickenham, Middlesex |
| 5982 | Oct. 1910 | *¶KING, HERBERT JAMES .. .. | Station Road, Winchmore Hill, N. (Middlesex). |
| 7251 | Oct. 1913 | *KING, HERBERT WALTER .. .. | 11, Carleton Road, Tufnell Park, N |
| 4930 | Oct. 1906 | *KING, JOHN LEONARD.. .. .. | Divisional Surveyor's Office, We Salop. |
| 7252 | Oct. 1913 | *§KING, NOEL WARD .. .. .. | 53, Talgarth Road, West Kensingto W. |
| 1537 | Mar. 1887 | *KING, WILLIAM ISAAC.. .. .. | 6, Holborn Viaduct, E.C.1. |
| 5983 | Oct. 1910 | *KINGSTON, ARCHIBALD LAWRENCE .. .. .. .. .. | County Hall, Truro, Cornwall. |
| 4981 | Oct. 1906 | *KINTON, HAROLD ERNEST.. .. | Stoneleigh, Sheen Lane, East Shee S.W. (Surrey). |
| 6848 | Oct. 1912 | *¶KIRBY, CARL FREDERICK GEORGE | c/o Messrs. Michael Faraday & C 77, Chancery Lane, W.C. |
| 7253 | Oct. 1913 | *¶KIRBY, WILLIAM AUBREY.. .. | c/o Messrs. Berry Bros. & Bagsha Market Place, Kettering. |
| 8548 | Oct. 1921 | *¶KIRKWOOD, JAMES STUART .. | 85, Baker Street, Portman Squa W.1. |

| p. | Date of Election. | PROFESSIONAL ASSOCIATES. | Address. |
|---|---|---|---|
| 9 | Oct. 1921 | *¶KITCHING, HUBERT VAUX .. | Hanmer, Whitchurch, Salop. |
| 2 | Oct. 1909 | *¶KNAPMAN, HARRY LETHBRIDGE | 2, West Place, Albany Road, Falmouth, Cornwall. |
| 2 | Oct. 1922 | *¶KNAPP, DOUGLAS ERIC JOHN .. | 26, Green Park, Bath. |
| 6 | Oct. 1920 | *¶KNAPP, ROBERT ELI .. .. | Whittington, Oswestry, Salop. |
| 0 | Oct. 1912 | *KNEWSTUBB, ALFRED.. .. .. | Long Marton, Carlisle. |
| 4 | Oct. 1910 | *KNIGHT, CHARLES WILLIAM, CAPT., R.E. | Superintending Engineer's Office, B.B. & C.I. Railway, Bombay, India. |
| 8 | Oct. 1923 | *¶KNIGHT, DOUGLAS ROY .. .. | 152, New Bond Street, W.1. |
| 6 | Oct. 1908 | *KNIGHT, ROBERT MALTMAN .. | Glen Tor, Reigate Hill, Reigate, Surrey. |
| 3 | Oct. 1922 | *¶KNOWLES, CLIFFORD CYRIL .. | 309, Trinity Road, Wandsworth Common, S.W.18. |
| 1 | Oct. 1912 | *KNOWLES, THOMAS EDWARD BUTLER | Valuation Office, Howard Place, Hanley, Staffs. |
| 0 | Oct. 1921 | *¶KUPHAL, FRANCIS WILLIAM | 15, Russell Road, Hall Green, Birmingham. |
| 4 | Oct. 1906 | *LADD, WALTER WILLOUGHBY .. | Valuation Dept., Old County Hall, S.W.1. |
| 5 | Oct. 1906 | *LAIRD, JOHN.. .. .. .. .. | High Street, Marlow, Bucks. |
| 4 | Oct. 1913 | *LAIRD, WALTER ROSS.. .. .. | Strathearn Mansions Hotel, Southsea, Hants. |
| 4 | Oct. 1911 | *LAMB, CHARLES ALFRED .. .. | 189, The Grove, Hammersmith, W. |
| 1 | Oct. 1921 | *¶LAMBERTH, FRANK .. .. | 29, Ivy Road, Cricklewood, N.W.2 (Middlesex). |
| 8 | Oct. 1904 | *LAMBLE, WILLIAM HERBERT .. | 1, Devonshire Street, Bishopsgate, E.C.2. |
| 3 | Oct. 1895 | *¶LAMPRILL, WILLIAM THOMAS .. | 15, Carey Mansions, Vincent Square, S.W.1. |
| 7 | Oct. 1920 | *¶LANE, ALFRED .. .. .. | 37, Crendon Street, High Wycombe. |
| 2 | Oct. 1921 | *¶LANE, EDMUND ARTHUR .. | 17, Arlington Road, Surbiton, Surrey. |
| 0 | Feb. 1913 | *¶LANE, FRANK DONOVAN .. .. | 2, Church Street, Christchurch, Hants. |
| 6 | Oct. 1910 | *¶LANE, FREDERICK CHARLES .. | 16, Daylesford Avenue, Putney, S.W.15. |
| 8 | Oct. 1920 | *¶LANE, NATHANIEL MONTAGUE | Leeming Chambers, Leeming Street, Mansfield. |

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|---|---|---|---|
| 6743 | Oct. 1912 | *LANGLANDS, CHARLES JOHN LAWRENCE .. .. .. .. | Hazon House, Epsom, Surrey. |
| 8553 | Oct. 1921 | *¶LANGLANDS, JAMES HENDRY.. | 31, Murraygate, Dundee. |
| 9384 | Oct. 1924 | *¶LARKAM, REGINALD WILLIAM | 20, Hanover Square, W.1. |
| 1061 | Mar. 1891 | *LARKIN, RICHARD WEBSTER .. | 57, Franciscan Road, Tooting, S.W. |
| 8554 | Oct. 1921 | *¶LARRETT, STANLEY ARTHUR .. | 7, Swiss Avenue, Chelmsford. |
| 8555 | Oct. 1921 | *¶LAWES, EDGAR .. .. .. | 136, Annandale Road, Greenwic S.E.10. |
| 8556 | Oct. 1921 | *¶LAWESON, RAY CARLON .. | 32, Putney Park Lane, Putne S.W.15. |
| 7872 | Nov. 1918 | *¶§LAWRANCE, DAVID MALCOLM.. | 36, Fordington Road, Highgate, N |
| 6307 | Oct. 1911 | *LAWTON, ROBERT ALLISON.. .. | 37, Rectory Road, near Crumpsa Manchester. |
| 8240 | Oct. 1920 | *¶LAWTON, WILLIAM .. .. | 227, Buxton Road, Macclesfiel Cheshire. |
| 9229 | Oct. 1923 | *¶LEA, PERCY LISTER ZAIR .. | 19, Cannon Street, Birmingham. |
| 8557 | Oct. 1921 | *¶LEACH, STANLEY HUGH .. .. | 8, Thorold Road, Ilford, Essex. |
| 8558 | Oct. 1921 | *¶LEACH, WILLIAM AUSTIN .. | 182, Brownhill Road, Catford, S.E |
| 9385 | Oct. 1924 | *¶LEADLEY, ARTHUR .. .. .. | 58, Wellesley Road, Croydon. |
| 4988 | Oct. 1906 | *¶LEAH, WILLIAM .. .. .. .. | Midland Bank Chambers, The Cro Gloucester. |
| 7258 | Oct. 1913 | *LEDGARD, JOHN BROOKE .. .. | The Manor House, Thorner, Leeds |
| 5574 | Feb. 1909 | *LEE, ALFRED FREDERICK .. .. | 35, Crendon Street, High Wycom Bucks. |
| 8241 | Oct. 1920 | *¶LEE, FRANK .. .. .. .. | c/o Borough Engineer's Office, Halifax. |
| 5489 | Oct. 1908 | *¶LEE, LESLIE HERBERT .. .. | 22, High Street, Ashford, Kent. |
| 9230 | Oct. 1923 | *¶LEEDER, JOHN GEOFFREY VINER .. .. .. .. .. | 46, Waterloo Street, Swansea. |
| 9034 | Oct. 1922 | *¶LEES, ERIC CHRISTOPHER LINGHAM .. .. .. .. | 18, Jury Street, Warwick. |
| 8559 | Oct. 1921 | *LEES, GEORGE .. .. .. | 25, Radcliffe Street, Oldham, Lan |
| 4023 | Oct. 1902 | *LEES, RANDLE BURSLAM .. .. | Woodside, Bradford-on-Avon, Wiltsh |
| 8560 | Oct. 1921 | *¶LEFEAUX, RAYMOND LANGHAM | c/o L. C. Veale, Spencer House, Sou Place, E.C.2. |
| 6744 | Oct. 1912 | *¶LEGG, KENNETH BOLTON .. .. | Estate Dept. (S. W. & B. Sec Southern Railway, Victoria, S.W |
| 6745 | Oct. 1912 | *¶LE GRAND, CECIL WREN, CAPT. | Glenmore, Park Road, New Beck ham, Kent. |
| 9386 | Oct. 1924 | *¶LEIGH, PERCY .. .. .. | 16, Buckingham Road, Doncaster |
| 3770 | Feb. 1901 | *LEIGH, VINCENT STANLEY.. .. | Palmeira House, Palmeira Garde Westcliff-on-Sea. |
| 7261 | Oct. 1913 | *¶LEONARD, EUGENE .. .. .. | 14, Brighton Road, Rathgar, Dubli |
| 6187 | Oct. 1911 | *¶LESLIE-CARTER, WILLIAM CASS | 128, Goswell Road, E.C.1. |

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|---|---|---|---|
| 1 | Oct. 1921 | *¶§‡Le Sueur, Arthur Denis Carrington .. .. .. .. | 22 St. George's Square, S.W.1. |
| 1 | Jan. 1891 | *Lewis, Arthur Llewelyn .. | 77, Station Road, Sidcup, and 19-20, Walbrook, E.C. |
| 1 | Oct. 1923 | *¶Lewis, Christopher Arthur Gwynne | Tivycoed Farm, Glanamman, Carmarthenshire. |
| 5 | Oct. 1919 | *¶Lewis, Orpheus William Henry, Capt., M.B.E. | Empire Buildings, 77, Market Street, Bradford. |
| 2 | Oct. 1920 | *¶Lewis, Sidney Ford .. .. | Building Inspectors Dept., Town Hall, Dyne Road, Kilburn, N.W.6 (Middlesex). |
| 5 | Oct. 1922 | *¶Leyshon, Hector MacQuarie | Highbury, Neath, Glam. |
| 3 | Oct. 1913 | *Lickely, Alexander .. .. | 12, Perth Road, Dundee. |
| 2 | Oct. 1899 | *¶Lickis, Leonard.. .. .. .. | 7, Eardley Road, Streatham, S.W. |
| 1 | Oct. 1910 | *Liddell, John George Walton | Chesters Estate Office, Humshaugh, Northumberland. |
| 3 | Oct. 1920 | *¶Liell, Kingsley .. .. .. | c/o Messrs. Mark Liell & Son, 109, Fenchurch Street, E.C.3. |
| 9 | Oct. 1911 | *Lilburn, Harry Kent .. .. | Dunedin, Antrim Road, Belfast. |
| 4 | Oct. 1920 | *¶Lill, Arthur .. .. .. .. | 49, High Street, Hoddesdon, Herts. |
| 2 | Oct. 1921 | *¶Lilley, John Leslie .. .. | 453A, London Road, Westcliff-on-Sea. |
| 0 | Oct. 1904 | *¶Line, Henry William .. .. | 30, Orchard Road, St. Margaret's, East Twickenham. |
| 1 | Oct. 1911 | *¶Ling, Richard Bertram, A.R.I.B.A. .. .. .. .. | 13, Hillcrest Road, Sydenham, S.E.26. |
| 7 | Oct. 1924 | *¶Linington, Francis John .. | Dent-de-Lion, Garlinge, Westgate-on-Sea, Kent. |
| 5 | Oct. 1920 | *¶Lissaman, Arthur Evelyn .. | Road Office, P.W.D., Hong Kong. |
| 4 | Oct. 1908 | *Lister, Ernest Edward.. .. | The Anchorage, Britwell Road, Burnham, Bucks. |
| 1 | Oct. 1900 | *Living, Charles, Jun. .. .. | 75, The Grove, Stratford, E. (Essex). |
| 2 | Oct. 1923 | *¶Living, Edwin .. .. .. | 133, Sebert Road, Forest Gate, E.7 (Essex). |
| 6 | Oct. 1919 | *Livingston, William .. .. | District Engineer, Toco, Trinidad, B.W.I. |
| 5 | Oct. 1913 | *Lloyd, Cyril Herbert Powell | 45, Merthyrmawr Road, Bridgend, Glamorganshire. |
| ? | Oct. 1911 | *¶Lloyd, Frank Humphreys . | Mansion House, 24, Severn Street, Welshpool. |
| 6 | Oct. 1922 | *¶Lloyd, Hugh Bernard.. .. | 21, Melody Road, Wandsworth, S.W.18. |
| 1 | Oct. 1907 | *¶Lloyd, Sydney Hamilton, A.M.I.C.E. | 72, Burnside Road, Chadwell Heath, Essex. |
| 1 | Feb. 1913 | *¶Lochhead, Arthur Sydney .. | 31, Crystal Palace Park Road, Sydenham, S.E. |

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|---|---|---|---|
| 7877 | Nov. 1918 | *¶Lockwood, Geoffrey Owen, Major, M.C. | County Surveyor, The Courts Carlisle. |
| 8563 | Oct. 1921 | *¶Lodge, Arthur Frank .. | 93, Fairbridge Road, Upper Holloway, N.19. |
| 5496 | Oct. 1908 | *¶Loe, Sydney John .. .. .. | Windy Ridge, Highfield Road Bickley, Kent. |
| 8057 | Oct. 1919 | *Logan, Michael Loam .. .. | 17, Norman Avenue, East Twickenham, Middlesex. |
| 7267 | Oct. 1913 | *‡Logsdon, Horace Stewart .. | 49 and 50, Parliament Street, S.W. |
| 6753 | Oct. 1912 | *Lone, R. Wilcox, A.R.I.B.A. | 63, Lincoln's Inn Fields, W.C.2. |
| 6313 | Oct. 1911 | *Long, Alfred Charles.. .. | Town Hall, Camberwell, S.E. |
| 7268 | Oct. 1913 | *Longbottom, Harold .. .. | Council Offices, Petersfield, Hants. |
| 5497 | Oct. 1908 | *Longbottom, John Leonard | District Engineer's Bungalow, Anuradhapura, Ceylon. |
| 8246 | Oct. 1920 | *¶Longley, Arthur Douglas | Fairview, Lyminge, near Folkestone |
| 4746 | Oct. 1905 | *Loram, John Anning .. .. | Government Ordnance Survey Office, Colombo, Ceylon. |
| 5498 | Oct. 1908 | *Lorimer, Gordon .. .. .. | Via-y-Obras, Ferro Carril del Sud, Buenos Aires, S. America. |
| 8247 | Oct. 1920 | *¶Loudoun, Eric Gilmour .. | 35, Camphill Avenue, Langside, Glasgow. |
| 3861 | Oct. 1901 | *Love, James Barr .. .. .. | Knowes, Lochwinnoch, Renfrewsh |
| 8248 | Oct. 1920 | *¶§Lovell, George Raymond | 68, Albert Street, Regent's Pa N.W.1. |
| 8653 | Oct. 1921 | *¶Lovell, Sydney Valentine Sillence | 4 & 5, Charles Street, St. Jam Square, S.W.1. |
| 3862 | Oct. 1907 | *¶Loveluck, Edward .. .. .. | 33, Park Street, Bridgend, Glamorgshire. |
| 7878 | Nov. 1918 | *Lowden, David, Jun. .. .. | Rangemore, Burton-on-Trent. |
| 8564 | Oct. 1921 | *¶Lowe, George Hurst Armerin .. .. .. .. | Glebelands, Claygate, Surrey. |
| 7879 | Nov. 1918 | *¶Lowe, John .. .. .. .. | The Avenue, Monument Park, Wig Lancs. |
| 8566 | Oct. 1921 | *¶Lowe, Robert Edward Nicholls | 681, Pershore Road, Selly Pa Birmingham. |
| 5993 | Oct. 1910 | *Lowick, Henry Capell .. .. | Public Works Department, Hong K |
| 489 | May 1877 | Lucas, Joseph .. .. .. .. | 22, East Ascent, St. Leonards-on-S |
| 3022 | Jan. 1896 | *Luck, George Edward .. .. | Estate Office, Crouch End Station, (Middlesex). |
| 7272 | Oct. 1913 | *Lukey, George Edward .. .. | Okotoks, Hook Hill, Sanderste Surrey. |
| 3400 | Oct. 1898 | *Lumley, Frederick Robert .. | Mamhead Park, Exeter. |
| 4022 | Oct. 1902 | *Lunn, Algernon Percy .. .. | Wentbridge, Pontefract, Yorkshire |
| 6315 | Oct. 1911 | *Luton, Albert Gordon .. .. | 14, Forest Lane, Stratford, E (Essex). |

‡ Special Rating Diploma.

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|---|---|---|---|
| 937 | Oct. 1922 | *¶LYNAM, CHARLES ROY .. .. | Surveyor, Leigh R.D.C., 5, Market Square, Leigh, Lancs. |
| 748 | Oct. 1905 | *LYNE, HARRY .. .. .. .. | Miramar, Tregolls Road, Truro, Cornwall. |
| 888 | Oct. 1924 | *¶MCAULEY, BRUCE .. .. .. | Moyleen, Deramore Park South, Belfast. |
| 754 | Oct. 1912 | *¶MCBAIN, JOHN .. .. .. .. | 12, Sylvia Gardens, Wembley, Middlesex. |
| 233 | Oct. 1923 | *¶MCCABE, ARTHUR WILLLIAM .. | c/o Messrs. Knight, Frank and Rutley, 20, Hanover Square, W.1. |
| 720 | Oct. 1909 | *¶MCCALLUM, DANIEL .. .. .. | 92, Mosspark Oval, Glasgow. |
| 938 | Oct. 1922 | *¶MCCALLUM, GRAYDON ARCHIBALD | c/o Ouse Drainage Board, Station Road. Cambridge. |
| 144 | Apr. 1884 | MCCALLUM, PETER SERVICE .. | Holly Bush House, Osmaston Road, Derby. |
| 817 | Oct. 1911 | *MCCANN, FELIX CHARLES.. .. | 2, Howard Street, Belfast. |
| 889 | Oct. 1924 | *¶MCCONNELL, ROBERT MELVILLE TERENCE .. .. .. | 37, Royal Avenue, Belfast. |
| 939 | Oct. 1922 | *¶MCDONALD, DONALD .. .. | 86, Temple Park Crescent, Edinburgh. |
| 499 | Oct. 1908 | *MACE, CHARLES MARRINER .. | 106, Ellerton Road, Tolworth, Surbiton, Surrey. |
| 592 | Oct. 1893 | *MACER, ALFRED THOMAS .. .. | 1, Windsor Road, East Worthing. Sussex. |
| 874 | Oct. 1913 | *¶MACFARLANE, ANDREW . .. | Works Branch, Imperial War Graves Commission, Esplanade, Ypres, Belgium. |
| 980 | Nov. 1918 | *¶MCFIE, BERNARD JOHN STEWART | 7, Southwood Road, Oxford. |
| 863 | Oct. 1901 | *MCGAW, ANDREW KIDD .. .. | Van Diemen's Land Company, Burnie, Tasmania. |
| 875 | Oct. 1913 | *¶MACGREGOR, PETER GRANT .. | 194, Ashdale Drive, Mosspark, Glasgow. |
| 940 | Oct. 1922 | *¶§MACGREGOR, ROBERT MURRAY, B.L. | Lands Valuation Dept., 40, Cochrane Street, Glasgow. |
| 721 | Oct. 1909 | *MACHATTIE, JOHN MACINTOSH.. | Architect's Dept., L.C.C., New County Hall, S.E.1. |
| 941 | Oct. 1922 | *¶MACILWRAITH, TOM DIXON .. | c/o Auld, 5, Manse Street, Renfrew, Scotland. |
| 934 | Oct. 1923 | *¶MCINTOSH, CHARLES .. .. | 40, Cochrane Street, Glasgow. |
| 877 | Oct. 1913 | *MACKAY, WILLIAM .. .. .. | 75, Oak Road, Crumpsall, Manchester. |

| Dip. No | Date of Election. | PROFESSIONAL ASSOCIATES. | Address. |
|---|---|---|---|
| 3312 | Feb. 1898 | *MACKENZIE, HECTOR JAN MAXWELL .. .. .. .. .. | Burton-on-the-Water, Gloucester. |
| 8567 | Oct. 1921 | *¶MACKENZIE, WILLIAM FALCONER | c/o Miss Lock, High Street, Dunste Somerset. |
| 8249 | Oct. 1920 | *¶MACKERETH, WILLIAM MOORE | The Garth, Pennybridge, near Ulverston, Lancs. |
| 4468 | Oct. 1904 | *¶MCKERROW, JAMES WEIR, A.M.I.C.E. | Corporation Waterworks, Town Ha North Shields, Northumberland. |
| 3713 | Oct. 1900 | *MACKINTOSH, WILLIAM SMITH .. | Baileymawr, Penybont, Radnorshire. |
| 8250 | Oct. 1920 | *¶MACKMIN, HENRY AUGUSTUS | "Glenlynn," Beulah Road Eas Thornton Heath (Surrey). |
| 6318 | Oct. 1911 | *MCLAREN, HENRY .. .. .. | Ury Estates Office, Stonehaven, N. |
| 6319 | Oct. 1911 | *¶MACLAY, CHARLES .. .. .. | 267, Crow Road, Partick, Glasgow. |
| 8251 | Oct. 1920 | *¶MCLEARON, SEPTIMUS OSWIN | 352, Foxhall Road, Ipswich. |
| 8252 | Oct. 1920 | *¶MACMAHON, JOHN FRANCIS .. | 98, Fentham Road, Birchfield, Birmingham. |
| 8568 | Oct. 1921 | *¶MCMAHON, WILLIAM PATRICK | 9, Tubmell Row, Darlington. |
| 9042 | Oct. 1922 | *¶MACNAMARA, CORMAC .. .. | Tandjong Bringin, Tandjong Poer Sumatra. |
| 7884 | Nov. 1918 | *MCNICOL, JOHN, A.R.I.B.A. .. | Town Planning Assistant, Midlan Joint Town Planning Adviso Committee, The Council Hous Birmingham. |
| 6758 | Oct. 1912 | *¶MACRAE, CHARLES .. .. .. | 3, Station Road, Ormskirk, Lancs. |
| 9235 | Oct. 1923 | *¶MCVEY, WILLIAM JAMES... ... | Upper Oak Street, Windermere. |
| 8254 | Oct. 1920 | *¶MCWILLIAM, ALEXANDER .. | 14, Randolph Place, Edinburgh. |
| 5217 | Oct. 1907 | *MCWILLIAM, JOHN ALEXANDER | 115, Hanover Street, Edinburgh, an 33, Kirkhill Road, Edinburgh. |
| 8255 | Oct. 1920 | *¶MADGE, REGINALD JOHN .. | Smilsu Iela, 28-30, Riga, Latvia. |
| 3627 | Feb. 1900 | *¶MAGER, SYDNEY, C.B.E (*Professional Associate of Council*).. | 10, Whitehall Place, S.W.1. |
| 8058 | Oct. 1919 | *MAHONY, JAMES BURKE .. .. | 4, Glazbury Road, W.14. |
| 5995 | Oct. 1900 | *¶MAIDES, PERCY THOMAS .. .. | Ockenden, Shirley Park, Croydon. |
| 6760 | Oct. 1912 | *MAILE, SYDNEY HERBERT.. .. | 34, Heath Hurst Road, Hampstea N.W. |
| 5722 | Oct. 1909 | *¶MAIR, WILLIAM FRASER .. .. | 65, Norwood Road, Stretford, Ma chester. |
| 9043 | Oct. 1922 | *¶MAJOR, SYDNEY FRANCIS .. | 33, Cleeve Road, Knowle, Bristol. |
| 9390 | Oct. 1924 | *¶MALCOLM, DUNCAN GRANT .. | 135, Gt. Hamilton Street, Glasgow. |
| 8181 | Oct. 1920 | *¶MALCOLM-ELLIS, KENNETH .. | 123, Homeleigh Road, Stamford Hi N.16. |
| 9391 | Oct. 1924 | *¶MALKINSON, BERT WILLIAM .. | Surveyors' Dept., L.N.E. Rly. (Sout ern Area), 72, Hamilton Hous Bishopsgate, E.C.2. |
| 7605 | Oct. 1915 | *¶MALLETT, ROY TERENCE .. .. | 27, Nightingale Place, Woolwich, S.E |
| 3109 | Oct. 1896 | *MALLINSON, CHARLES HERBERT | Market Place, Huddersfield. |

| Mbr. No. | Date of Election. | PROFESSIONAL ASSOCIATES. | Address. |
|---|---|---|---|
| 92 | Oct. 1924 | *¶MALTBY, HAROLD VIVIAN .. | Duncliffe, Copers Cope Road, Beckenham, Kent. |
| 21 | Oct. 1911 | *¶MAMMATT, GERALD ARTHUR .. | c/o Messrs. Habgood & Innocent, Witney, Oxon. |
| 86 | Nov. 1918 | *MANFIELD, JOHN HENRY.. .. | 12, Fairfield Road, Crouch End, N.8. (Middlesex). |
| 61 | Oct. 1912 | *MANGAN, WILFRED CLARENCE | 18, Guildhall Street, Preston, Lancs. |
| 53 | Oct. 1905 | *MANN, ALFRED HENRY .. .. | C.E. in Chief's Dept., Admiralty, S.W.1. |
| 36 | Oct. 1923 | *¶MANN, ALFRED LEONARD .. | c/o W. J. Ross, Estate Office, Brent Station, N.W.11. |
| 69 | Oct. 1921 | *¶MANN, DUDLEY SEPTIMUS .. | Roads Office, St. Martin's Plain, Shorncliffe Camp, near Folkestone. |
| 44 | Oct. 1922 | *¶MANN, GORDON WIGHT .. .. | 43A, Longridge Road, Earls Court, S.W.5 (Middlesex). |
| 64 | Oct. 1912 | *¶MANN, HENRY .. .. .. .. | 68, Bridge Road, East Molesey, Surrey. |
| 70 | Oct. 1921 | *¶MAPLESDEN, JAMES WILLIAM.. | 5, Middle Row, East Grinstead, Sussex. |
| 01 | Oct. 1898 | *MARCUS, WILLIAM MORTIMER .. | 29, New Bridge Street, E.C.4. |
| 58 | Oct. 1920 | *¶MARFELL, JAMES HENRY .. | Valuation Office, 23, Skinner Street, Newport, Mon. |
| 80 | Oct. 1913 | *¶MARKS, JOHN BARKLY .. .. | The Rhedan, Farnham, Surrey. |
| 27 | Oct. 1902 | *¶MARKS, THOMAS EDWARD . .. | 30, Wimborne Gardens, Ealing, W.13. |
| 15 | Jan. 1922 | MARRIOTT, ROBERT ANDREW .. | 12, Norton Road, Uxbridge. |
| 65 | Oct. 1912 | *MARRIOTT, WILLIAM MASON .. | Estate Offices, Wynnstay, Ruabon, N. Wales. |
| 66 | Oct. 1912 | *MARSDEN, HORACE JOHN .. .. | 23, Allfarthing Lane, Wandsworth, S.W.18. |
| 67 | Oct. 1912 | *MARSH, ERNEST GEORGE .. .. | 130, Fulham Road, S.W.3. |
| 38 | Oct. 1902 | *MARSHALL, GEORGE ERNEST .. | 76, Airedale Road, Wadsley, Sheffield. |
| 72 | Oct 1921 | *¶MARSHALL, THOMAS ALFRED.. | 45, Sutton Court, Chiswick, W.4 (Middlesex). |
| 93 | Oct. 1910 | *MARSHALL, TOM OWEN .. .. | Estate Office, Midland Railway, Derby. |
| 78 | Feb. 1913 | *MARSHALL, WALTER KINSMAN | Radbourne Estate Office, near Derby. |
| 24 | Oct. 1909 | *MARSHALL, WILLIAM THOMAS, M.A. (*Oxon.*) .. .. .. .. | Thorn Tree, Matlock. |
| 73 | Oct. 1921 | *¶MARSLAND, TOM .. .. .. | Randal Carr, Elnor Avenue, Whaley Bridge, near Stockport. |
| 59 | Oct. 1920 | *¶MARSTON, HORACE ARTHUR .. | Surveyor's Dept., Walden & Combe U.D.C., New Malden, Surrey. |
| 10 | Oct. 1896 | *¶MARTIN, ALEXANDER WILLIAM.. | The Laurels, Marden Road, South Tottenham, N. (Middlesex). |
| 60 | Oct. 1920 | *¶MARTIN, ALFRED GUY TRICE .. | County Hall, March, Cambs. |

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|---|---|---|---|
| 9045 | Oct. 1922 | *¶MARTIN, IRENE TUBERVILLE (MISS) .. .. .. .. .. | 3, Finsbury Square, E.C.2. |
| 9046 | Oct. 1922 | *¶MARTIN, THOMAS COLIN .. .. | The Broadway, Leigh-on-Sea. |
| 7283 | Oct. 1913 | *¶MARTIN, WALTER RIDDELL .. | Roebuck Grove, Clonshea, Dublin. |
| 9047 | Oct. 1922 | *¶§MATHEWS, FREDERICK TERRY DOUGLAS | c/o J. Carter Jonas & Sons, 8, Suffo Street, Pall Mall East, S.W.1. |
| 9048 | Oct. 1922 | *¶MATHEWS, OLIVER LEWIS .. | 12, Waterloo Street, Birmingham. |
| 9393 | Oct. 1924 | *¶MATTHEWS, HENRY JAMES .. | 28, Willis Street, Birmingham. |
| 7284 | Oct. 1913 | *MATTICK, HERBERT .. .. .. | Asst. Engineer, Baghdad Divisio P.W.D., Executive Engineer Office, Baghdad, Mesopotamia. |
| 2533 | Nov. 1892 | *‡MAUGHAN, JOHN (*Professional Associate of Council*) | Estate Office, Jervaulx Abbey, Middl ham, S.O., Yorks. |
| 4030 | Oct. 1902 | *¶‡§MAW, PERCIVAL TRENTHAM .. | Stricklands, Robertsbridge, nr. Tu bridge Wells. |
| 6322 | Oct. 1911 | *¶MAXWELL, HERBERT WILLIAM .. | 2, Lewisham Road, Highgate Roa N.W.5. |
| 5727 | Oct. 1909 | *¶MAY, CYRIL ERNEST, CAPT. .. | Coombs, Thornborough, Buckingha |
| 7285 | Oct. 1913 | *¶MAY, FRANK SIDNEY EDWARD .. | 39, Christchurch Road, Streatham Hi S.W. |
| 7033 | Oct. 1913 | *MAYHEW, JAMES .. .. .. | 69, Carlton Hill, N.W.8. |
| 6323 | Oct. 1911 | *MAYHEW, WILLIAM JOSEPH GEORGE .. .. .. .. .. | 197, Kingston Road, Ilford, Essex. |
| 6772 | Oct. 1912 | *MAYNARD, CHARLES EDWARD .. | Council Offices, Southborough, Ken |
| 7888 | Nov. 1918 | *¶MAYNARD, JOHN EDWARD .. | 1, Collington Avenue, Bexhill-on-Se Sussex. |
| 9394 | Oct. 1924 | *¶MAYNARD, GERALD EARLE .. | 15, Galveston Road, East Putne S.W.15. |
| 6003 | Oct. 1910 | *§MAYNE, ARTHUR JOHN .. .. | Wayside, Preston Grove, Yeovi Somerset. |
| 6003 | Oct. 1910 | *MEARS, JOHN ARTHUR.. .. .. | 40, Fairfield South, Kingston-o Thames. |
| 9049 | Oct. 1922 | *¶MEDLOCK, SYDNEY GORDON .. | 4, Credenhill Street, Streatham, S.W.16. |
| 2597 | Oct. 1893 | *MELLOR, JAMES FREDERICK .. | 110, St. James's Street, Brighto |
| 4473 | Oct. 1904 | *MELLOR, JOHN FRANCIS SHAW.. | The Cottage, Brodsworth, Doncaste Yorks. |
| 5506 | Oct. 1908 | *¶MELLOWS, FREDERICK WILLIAM | 2, Brook Street, Whitley Bay, No thumberland. |
| 6325 | Oct. 1911 | *MELVILLE, HENRY DUNCAN .. | Marlborough Cottage, Kelso, Ro burgh, N.B. |
| 7287 | Oct. 1913 | *MENNIE, FREDERICK EDWARD A.R.I.B.A. .. .. .. .. .. | XI, New Court, Lincoln's Inn, W.C. |
| 9395 | Oct. 1924 | *¶MENTZ, ALLAN .. .. .. .. | 18, Eldon Square, Newcastle-o Tyne. |

‡ Special Forestry Diploma.

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|---|---|---|---|
| 4 | Oct. 1921 | *¶Menzies, James Wilson Gourlay | 111, Peveril Avenue, Waverley Park, Glasgow. |
| 0 | Nov. 1918 | *¶Menzies, Ronald Victor .. | 53, High Street, Egham. |
| 2 | Oct. 1899 | *Meredith, Percy William .. | 34, Old Queen Street, Westminster, S.W.1. |
| 2 | Oct. 1920 | *¶Merrett, Arthur Saywell | 25, Great James Street, Bedford Row, W.C.1. |
| 7 | Oct. 1911 | *¶Merrington, Frederick Arthur | 22, Clifton Gardens, Golder's Green, N.W.4 (Middlesex). |
| 0 | Oct. 1922 | *¶Merry, Arthur John .. .. | 80, High Street, Bedford. |
| 9 | Oct. 1919 | *Meysey-Thompson, Algar de C. C. .. .. .. .. .. .. | 5, Lower Grosvenor Place, S.W. |
| 7 | Oct. 1923 | *¶Michael, William .. .. .. | 346, Rochdale Road, Middleton, Manchester. |
| 2 | Nov. 1918 | *¶Middleton, Humfrey .. .. | Sun Buildings, St. George's Street, Canterbury. |
| 3 | Nov. 1918 | *Middleton, John Ellis .. .. | 40, Adelaide Road, Blackpool. |
| 4 | Oct. 1913 | *¶Milburn, William, Jun. .. .. | 8, Thornhill Park, Sunderland, Durham. |
| 5 | Oct. 1912 | *Miles, Hannam Edward .. .. | Slades, East Knoyle, Salisbury. |
| 0 | Oct. 1919 | *¶Miles, Owen .. .. .. .. | 10, Regent Street, Great Yarmouth. |
| 6 | Oct. 1921 | *¶Miles, Walter Edward .. | 10, Stanhope Gardens, Harringay, N.4 (Middlesex). |
| 9 | Oct. 1913 | *Millar, George .. .. .. .. | Divisional Engineer's Office, L.M. & S. Rly., Buchanan Street Station, Glasgow. |
| 8 | Oct. 1923 | *¶Millar, Henry Moir .. .. | 44, McAllister Avenue, Airdrie, Scotland. |
| 1 | Oct. 1922 | *¶Millar, John .. .. .. .. | 27, Park Hill, Clapham, S.W.4. |
| 0 | Oct. 1906 | *¶Millar, Peter .. .. .. .. | Borough Engineer's Office, Southampton. |
| 6 | Oct. 1924 | *¶Miller, Algernon Richard Rabone Augustus | Old County Hall, Spring Gardens, S.W.1. |
| 0 | Oct. 1913 | *Miller, Arthur William .. | 10, Princes Road, Northfields, Stamford, Lincs. |
| 5 | Oct. 1904 | *Miller, Fred .. .. .. .. | The Hall Farm, Chesterton, Cambridge. |
| 7 | Oct. 1894 | *Miller, Frederick William .. | "Newholme," Thornlaw Road, West Norwood, S.E. |
| 2 | Oct. 1922 | *¶Miller, Roland Frederick | 8, King William Street, Charing Cross, W.C.2. |
| 3 | Oct. 1911 | *¶Miller, Thomas Hartley .. | Worsthorne Estate Office, Todmorden Road, Burnley. |
| 0 | Oct. 1909 | *¶Mills, Basil Rupert .. .. | 32, Curzon Road, Muswell Hill, N. (Middlesex). |
| 7 | Oct. 1924 | *¶Mills, John Russell Mealing | 2, Upper King Street, Norwich. |

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|---|---|---|---|
| 5507 | Oct. 1908 | *¶§Mills, Robert Henry .. .. | Frith Manor, Mill Hill, N.W (Middlesex). |
| 7894 | Nov. 1918 | *¶Millyard, George, Capt. .. | Littlebridge, Bromyard. |
| 4213 | Oct. 1903 | *Milne, William Edward Streatfeild | Easton Fruit Farm, Easton, Wickha Market, Suffolk. |
| 752 | Feb. 1882 | Milnes, Robert.. .. .. .. | 116, Loughborough Park, Brixto S.W.9. |
| 7293 | Oct. 1913 | *¶Milton, Frederick .. .. .. | 82, Anerley Park, Anerley, S.E.20. |
| 7895 | Nov. 1918 | *¶Minifie, William, Jun. .. .. | Wootton, Bridgnorth, Salop. |
| 4214 | Oct. 1903 | *¶Minors, Ernest, B.Sc. (Lond.), A.M.I.C.E. | Borough Surveyor's Office, Town Ha Darlington. |
| 4476 | Oct. 1904 | *Minter, George Ash, M.B.E. | 23, Hanover Buildings, Above Ba Southampton. |
| 9239 | Oct. 1923 | *¶Mitchell, George Angus .. | 1, West Craibstone Street, Bonaccor Square, Aberdeen. |
| 9398 | Oct. 1924 | *¶Mitchell, Jack Harold .. | Sunnygarth, East Grinstead, Susse |
| 8061 | Oct. 1919 | *¶Mitchell, John Richard Daniel | Thorn Bank, Temple Drive, Swinto near Manchester. |
| 9052 | Oct. 1922 | *¶Mitchell, Stephen George.. | 6A, Crookham Road, S.W.6. |
| 8264 | Oct. 1920 | *¶Mitchell, William .. | 61, Woodcote Grove Road, Coulsdo Surrey. |
| 5731 | Oct. 1909 | *Mitchell, William Chalmers | Henham Estate Office, Wangfo Suffolk. |
| 3574 | Oct. 1899 | *Moat, Ernest William .. .. | Portland Cottage, Frant Road, Tu bridge Wells. |
| 8577 | Oct. 1921 | *¶Molony, Willington .. .. | 38, Waterloo Road, Dublin. |
| 3494 | Feb. 1899 | *¶Molyneux, Frank Eustace .. | Lingfield, Smitham Bottom La Purley, Surrey. |
| 9054 | Oct. 1922 | *¶Monahan, Arthur William | 43, Sackville Gardens, Hove, Susse |
| 8265 | Oct. 1920 | *¶Monard, Stanley Hopkirk | 10, Donegal Street, Belfast. |
| 9399 | Oct. 1924 | *¶Monck, Gustavus Alfred Berkeley | Merrecombe, Kemerton, near Tewk bury. |
| 7294 | Oct. 1913 | *¶Money, Alexander Walker | The Neuk, Clarkston, Glasgow. |
| 8266 | Oct. 1920 | *Montgomery, Cecil Vincent | 43, Upper Beechwood Avenue, Ran lagh, Dublin. |
| 5003 | Oct. 1906 | *Montgomery, George .. .. | 24, Montpelier Road, East Finchley, (Middlesex). |
| 8578 | Oct. 1921 | *¶Moody, Francis Tyrell .. | The Cottage, Norwood Hayes, No wood Lane, Iver Heath, Bucks. |
| 5508 | Oct. 1908 | *¶Moody, Herbert Line, A.R.I.B.A. | Shrewsbury House, Lyonsdown Roa New Barnet. |
| 6330 | Oct. 1911 | *Moody, Walter Richard.. .. | Newark House, 9, Inglis Road Folkestone, Kent. |
| 6331 | Oct. 1911 | *Moon, Henry Alfred, A.R.I.B.A. | 1, Melbourne Road, Merton Park, S. (Surrey). |
| 9055 | Oct. 1922 | *¶Moon, Thomas Eric .. .. | Tintagel, Clifton Avenue, Chur End, Finchley, N.3 (Middlesex). |

| | Date of Election. | PROFESSIONAL ASSOCIATES. | Address. |
|---|---|---|---|
| 0 | Oct. 1924 | *¶Moore, Christopher Constable .. .. .. .. | Woodlands, Oakleigh Park, N.20. |
| 0 | June 1896 | *Moore, Hugh Armytage.. .. | Rowallane, Saintfield, Co. Down |
| 1 | Oct. 1924 | *¶Moore, Ian James McDougall | 13, Albion Terrace, Douglas, Isle of Man. |
| 9 | Oct. 1921 | *¶Moore, John Alfred | 109, Palmerston Road, Bowes Park, N.22. |
| 8 | Oct. 1903 | *Moore, Richard Charles .. | 72, Amhurst Park, Stamford Hill, N.16. |
| 2 | Oct. 1909 | *More, John Novis .. .. .. | Crown Lodge, Harlech, North Wales. |
| 0 | Oct. 1921 | *¶Morgan, Alfred .. .. .. | Parkside, Whickham, nr. Newcastle-on-Tyne. |
| 9 | Oct. 1912 | *Morgan, David Edgar .. .. | Glyn Tawe, Vicarage Road, Morriston, Glam. |
| 3 | Oct. 1907 | *Morgan, Ernest William .. | 26, Dover Street, W. |
| 0 | Oct. 1923 | *¶Morgan, Geoffrey Frank John | Revaluation Dept., Town Hall, Hendon, N.W.4 (Middlesex). |
| 9 | Oct. 1905 | *Morgan, Herbert Woosnam | 86, Eccleston Square, S.W.1. |
| 3 | Oct. 1909 | *¶Morgan, Ifor John .. .. .. | Townend, Ilminster, Somerset. |
| 6 | Nov. 1918 | *Morgan, Ivor Walter .. .. | 2, Devynock Road, Sunnybridge, S.O., Breconshire, S. Wales. |
| 7 | Nov. 1918 | *¶Morgan, William Noel .. .. | Maesydderwen, Mountain Ash, Glam. |
| 8 | Oct. 1920 | *¶Morgan, William Thomas .. | Town Hall, Southall, Middlesex. |
| 2 | Oct. 1921 | *¶Morham, Kenneth Noble .. | 29, Hanover Street, Edinburgh. |
| 9 | Oct. 1920 | *¶Morley, Edwin Laurance | c/o Messrs. Boardman & Oliver, 24, Market Hill, Sudbury. |
| 5 | Oct. 1913 | *Morley, Richard .. .. .. | 8, Oakdale Road, Sheffield, Yorks. |
| 4 | Oct. 1909 | *¶Morris, Alexander George .. | 67 & 68, Cheapside, E.C.2. |
| 3 | Feb. 1913 | *¶Morris, Ellis .. .. .. .. | 67 & 68, Cheapside, E.C.2. |
| 6 | Oct. 1913 | *Morris, Henry Rowland .. | Small Holdings Dept., Shire Hall, Nottingham. |
| 0 | Oct. 1912 | *¶Morris, Hubert Lloyd .. .. | 5, Queen Street, Rhyl, N. Wales. |
| 6 | Oct. 1922 | *¶Morris, William, A.M.I.Struct.E. | 2, St. Brendans Road, Withington, Manchester. |
| 2 | Feb. 1894 | *Morrison, Daniel .. .. .. | 41, John Dalton Street, Manchester. |
| 7 | Oct. 1910 | *¶Morrison, John Baxter.. .. | Airlie Estate Office, Cortachy, Kirriemuir. |
| 1 | Oct. 1912 | *¶Morrison, Norman Thomas .. | City Engineer's Office, 91, Commercial Street, Dundee. |
| 7 | Oct. 1922 | *¶Morse, Arthur Percy .. .. | 83, Beaconsfield Villas, Brighton. |
| 4 | Feb. 1903 | *Morse, Dudley Walter.. .. | Kirtlington, Oxford. |
| 8 | Oct. 1922 | *¶Morton, James Dunlop .. | 22, Marlborough Road, Waterloo, near Liverpool. |
| 9 | Oct. 1910 | *Morton, Thomas Chalmers .. | 39, Princess Street, Manchester. |
| 0 | Oct. 1913 | *Morton, William Percy .. .. | 61, Hunter Road, Southsea. |
| 8 | Nov. 1918 | *¶Morwood, Arthur .. .. .. | Deputy County Surveyor, County Hall, Ipswich. |

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|---|---|---|---|
| 8583 | Oct. 1921 | *¶Moseley, Leonard .. .. | 193, Rosehill Terrace, Darwin Ro Bromley Cross, Bolton. |
| 7689 | Nov. 1916 | *¶Moss, Sidney Robert .. .. | 68, Oakleigh Park Drive, Leigh- Sea, Essex. |
| 9402 | Oct. 1924 | *¶Motion, Donald Graham .. | 23, Hart Street, Bloomsbury, W.C |
| 6783 | Oct. 1912 | *¶Mowbray, Clyde Bernard .. | 32, Brynmill Terrace, Swansea. |
| 8584 | Oct. 1921 | *Mugglestone, Cyril .. .. | 17, Portland Street, Pleasley H Mansfield. |
| 7301 | Oct. 1913 | *¶Muir, Andrew, Jun. .. .. .. | 14, Woodburn Road, Newlands, Glasgow. |
| 3406 | Oct. 1898 | *Mullett, Henry Thomas .. .. | 10, Broomhill Road, Woodford Gre Essex. |
| 5735 | Oct. 1909 | *¶†Mumford, Frank Septimus .. | 103, Finborough Road, South K sington, S.W.10. |
| 5536 | Oct. 1907 | *Murray, Arthur Malcolm .. | Doric Villa, Dukes Avenue, New Mald Surrey, and H.M. Office of Wor King Charles Street, S.W. |
| 7304 | Oct. 1913 | *¶Murray, Lawrence Joseph .. | Valuation Office, Inland Reven 15, Belmont, Shrewsbury. |
| 5509 | Oct. 1908 | *Murray, Penry John, Capt., B.A. (*Cantab.*) .. .. .. .. | Cefn Park, Brecon, South Wales |
| 4036 | Oct. 1902 | *Murtough, Joseph .. .. .. | c/o Messrs. Young & White, No End, Portsmouth. |
| 9059 | Oct. 1922 | *¶Mussared, William John .. | 83, Brook Green, Hammersmith, W |
| 8271 | Oct. 1920 | *¶Myhill, Frederick Robert | 253, Lavender Hill, S.W.11. |
| 6012 | Oct. 1910 | *Nash, Eugene Fleetwood .. | Railway Construction, Huni Val via Sekondi, Gold Coast. |
| 8272 | Oct. 1920 | *Neale, John Humphrey .. | 18, St. Albans Road, Moseley, I mingham. |
| 7306 | Oct. 1913 | *¶Neale, Thomas Archibald .. | Southfield, New Road, Water Ort Birmingham. |
| 4038 | Oct. 1902 | *¶Neame, Frederick Ivo .. .. | The Offices, Macknade, Faversh Kent. |
| 8273 | Oct. 1920 | *¶Nelson, Archie .. .. .. | 4, Aberlash Villas, Tivydail, n Ammanford, S. Wales. |
| 8585 | Oct. 1921 | *¶Nelson, William Percival | Elsinore, Pontypool Road, Mon. |
| 5737 | Oct. 1909 | *Nettelton, Oscar Traves .. | P.W.D., Galle, Ceylon. |
| 8062 | Oct. 1919 | *¶Neville, Eric Bernard .. .. | Crosshill House, Auchterarder, Per shire. |

† Special Sanitary Science Diploma.

| Date of Election. | PROFESSIONAL ASSOCIATES. | Address. |
|---|---|---|
| Oct. 1908 | *¶NEW, ELLIOTT JOHN .. .. .. | Otford, Kent. |
| Oct. 1920 | *¶NEWBIGGING, ROBERT GERALD HUSTLER .. .. .. .. | 26, Broad Street, Hereford. |
| Oct. 1924 | *¶NEWCOMBE, REGINALD JOHN | Red House, Market Harborough. |
| Oct. 1912 | *¶NEWELL, LEOPOLD MONK.. .. | c/o J. Newell, Esq., J.P., Intabene, Upton Road, Birkenhead, Cheshire. |
| Oct. 1907 | *NEWHOUSE, EDWARD.. .. .. | Public Works Department, Hong Kong. |
| Oct. 1902 | *NEWINGTON, CALEB RICKMAN K. | The Kennel, Pyecombe, Hassocks, Sussex. |
| Jan. 1922 | *¶NEWMAN, ALFRED EDWARD .. | 6, Durant's Road, Ponders End, Middlesex. |
| Oct. 1915 | *¶NEWMAN, CLAUDE EDWIN SANDYS | 17, Morton Crescent, Exmouth. |
| Nov. 1918 | *¶NEWMAN, JOHN ALBERT .. .. | 6, Warnford Street, Wigan, Lancs. |
| Oct. 1900 | *NEWMAN, WALTER PHILIP.. .. | 121, Victoria Street, S.W. |
| Oct. 1904 | *¶NEWMAN, WILLIAM WALTER, A.M.I.C.E. | Council Offices, High Street, Watford, Hertfordshire. |
| Oct 1903 | *¶§NEWNHAM, FRANK GEORGE .. | 155, Mason's Hill, Bromley, Kent. |
| Oct. 1913 | *NICHOLS, HEDLEY WILLIAM .. | 3, Sansome Place, Worcester. |
| Oct. 1923 | *¶§NICHOLS, JOHN LIONEL .. | Vine House, Church Street, Chiswick, W.4 (Middlesex). |
| Feb. 1897 | *NICHOLSON, EBENEZER BERNARD | 1 and 2, Queen Street, Cheapside, E.C. |
| Oct. 1922 | *¶NICHOLSON, JOHN .. .. .. | Agricultural Dept., Middlesex C.C., 38, Eccleston Square, S.W.1. |
| Oct. 1913 | *¶NICHOLSON, THOMAS .. .. .. | 14, Coniger Road, Parson's Green, S.W. |
| Oct. 1921 | *¶NIGHTINGALE, ARTHUR LESLIE | 159, High Street, Putney, S.W.15. |
| Nov 1918 | *¶NIGHTINGALL, CHARLES WILLIAM | c/o Messrs. White & Sons, 18, High Street, Dorking. |
| Oct. 1921 | *NIXEY, WILLIAM GEORGE .. | 46, St. John's Road, Weston, Bath. |
| Oct. 1912 | *¶NIXON, ERNEST .. .. .. .. | 23, Oaklands, Gosforth, Newcastle-on-Tyne. |
| Oct. 1909 | *NOBLE, WALTER HUBERT.. .. | Engineer's Office, Guildhall, E.C. |
| Oct. 1922 | *¶NORMAN, ERIC FRANK .. .. | c/o Messrs. Best & Barnes, Estate Office, 2, Westow Street, Upper Norwood, S.E.19. |
| Oct. 1915 | *¶NORMANTON, JOE .. .. .. | Glen View, Ripponden, Yorks. |
| Oct. 1924 | *¶NORRINGTON, CHARLES FREDERICK | Coombe Dene, Woodside Road, New Malden, Surrey. |
| Oct. 1913 | *NORTHCOTT, FRANCIS FREDERICK, M.S.A. | Architectural Dept., Borough Surveyor's Office, Southend-on Sea. |
| Oct. 1910 | *NORTON-NASH, HARRY BEDDOES | District Valuer's Office, 23, Skinner Street, Newport, Mon. |
| Oct. 1922 | *¶NOTT, CHRISTOPHER ARTHUR .. | 59, London Road, St. Albans, Herts. |
| Oct. 1923 | *¶NOTT, THOMAS JEFFERY .. | Maynes, St. Albans, Herts. |

| Dip. No. | Date of Election. | PROFESSIONAL ASSOCIATES. | Address. |
|---|---|---|---|
| 8588 | Oct. 1921 | *¶NUNN, CECIL GEORGE .. .. | Kennans House, Crown Court, Che side, E.C.2. |
| 8917 | Jan. 1922 | NUTCHEY, EDWARD ALBERT.. | 83A, Hambalt Road, Clapham P S.W.4. |
| 7312 | Oct. 1913 | *¶NYE, GEORGE VINCENT .. .. | 31, Mina Road, Merton Park, S.W. |
| 3874 | Oct. 1901 | *OATEN, ALFRED EDWARD.. .. | 22, Clare Street, Bristol. |
| 8589 | Oct. 1921 | *¶O'CONNELL, PATRICK JOSEPH | 14, St. Paul's Road, Kenning Park Road, S.E.17. |
| 5231 | Oct. 1907 | *ODAM, GEORGE MAXWELL.. .. | County Hall, Aylesbury. |
| 5512 | Oct. 1908 | *ODDY, JOSEPH RONALD RIDLEY | Ashleigh, Cedar Road, Sutto Surrey. |
| 6336 | Oct. 1911 | *ODELL, JOHN FREDERICK .. .. | Bedford Row House, 58, Theob Road, W.C.1. |
| 5232 | Oct. 1907 | *¶OFFLOW, ARTHUR ROWLAND .. | 30, Canadian Avenue, Catford, S. |
| 5575 | Feb. 1909 | *¶OGDEN, FREDERICK SORESBY .. | The Yews, Stanley, near Derby. |
| 6337 | Oct. 1911 | *¶OLDFIELD, GEORGE HARRY ROBERT | Valuation Dept., Inland Reve 12, Priory Avenue, Taunton. |
| 7313 | Oct. 1913 | *OLIVER, EDWIN HAMERTON .. | Gisborough Estate Office, Gisbor Yorks. |
| 6338 | Oct. 1911 | *OLIVER, HARRY HUTT.. .. .. | 11, Haarlem Road, W.14. |
| 4042 | Oct. 1902 | *ORCHARD, ALFRED DEAN .. .. | Hinckley, Leicestershire. |
| 3410 | Oct. 1898 | *ORCHARD, SIDNEY SAMUEL .. | Creech St. Michael, Taunton. |
| 9243 | Oct. 1923 | *¶ORD, RICHARD WILLIAM .. | 9, Spencer Road, Twickenha Middlesex. |
| 8276 | Oct. 1920 | *¶ORR, CHARLES STEWART .. | Municipal Assessor, Colombo, Ce |
| 6017 | Oct. 1910 | *¶ORR, ROBERT .. .. .. .. | 34, Douglas Road, N.1. |
| 4226 | Oct. 1903 | *ORTON, WILLIAM GOODACRE .. | c/o Sir J. F. L. Rolleston & Grey Friars, Leicester. |
| 8590 | Oct. 1921 | *¶§OSBORNE, EDWARD SIDNEY.. | The Firs, Nether Street, Church Finchley, N.3 (Middlesex). |
| 9244 | Oct. 1923 | *¶OSBORNE, PHILIP GEORGE .. | The Firs, Nether Street, Church Finchley, N.3 (Middlesex). |
| 7317 | Oct. 1913 | *¶O'SULLIVAN, TERENCE JAMES .. | The Union Offices, Stoke-on-Tre |
| 5233 | Oct. 1907 | *OVENDEN, HUGH.. .. .. .. | Holmfield, Whitestake, near Pre Lancs. |
| 8277 | Oct. 1920 | *¶OVERTON, PERCY .. .. .. | 3, Albion Mansions, Marine Pa Hastings. |

¶ Special Rating Diploma.

| p. o. | Date of Election. | PROFESSIONAL ASSOCIATES. | Address. |
|---|---|---|---|
| 3 | Oct. 1922 | *¶Owen, Ralph Eldon .. .. | c/o General Sladen, Fintry Furi, Kenya Colony, B.E.A. |
| 9 | Oct. 1913 | *Owen, Thomas .. .. .. .. | County Surveyor, County Offices, Carnarvon. |
| 8 | Oct. 1920 | *¶Owen, Wilfrid Scotter .. | 9, King's Bench Walk, Temple, E.C.4. |
| 4 | Oct. 1922 | *¶Oxborrow, Lionel Ernest .. | 17, Warrington Road, Ipswich. |
| 6 | Oct. 1906 | *¶Packe, William Vere .. .. | Cross House, Fawkham, Kent. |
| 7 | Oct. 1904 | *Page, Bernard Culmer .. .. | 18, St. Thomas Street, London Bridge, S.E. |
| 8 | Oct. 1904 | *¶Page, Edmund .. .. .. .. | 42, Balmoral Road, Gillingham, Kent. |
| 1 | Oct. 1921 | *¶Page, John Thomas .. .. | 36, Strutt Street, Derby. |
| 6 | Oct. 1905 | *Page, Joseph .. .. .. .. | 38, St. Ives Mount, Upper Armley, Leeds. |
| 9 | Feb. 1904 | *¶Palmer, Arthur .. .. .. | Town Hall, Greenwich, S.E. |
| 7 | Oct. 1905 | *Palmer, Charles Drayton .. | c.o District Valuer, High Bridge, Lincoln. |
| 0 | Oct 1913 | *¶Palmer, Robert Sidney .. .. | 4, Melbourne Place, Swansea. |
| 8 | Oct. 1908 | *Palmour, Frederick John Clifford | War Dept., Estate Office, Durrington, Wilts. |
| 8 | Oct. 1910 | *¶Panario, Francis Michael .. | 139, Springbank Road, Hither Green, S.E.13. |
| 1 | Feb. 1910 | *¶Paramor, William .. .. .. | 320, London Road, Dover. |
| 8 | Oct. 1912 | *Parham, Arthur Douglas, A.R.I.B.A. | Public Works Department, Colombo, Ceylon. |
| 2 | Oct. 1913 | *Park, Edward .. .. .. .. | Mayfield, Sylecroft, Cumberland. |
| 5 | Oct. 1924 | *¶Parker, Arthur Walter .. | Tregynon, Woburn Sands, Bucks. |
| 2 | Oct. 1921 | *¶Parker, Beltran William.. | Framfield Road, Buxted, Sussex. |
| 9 | Oct. 1900 | *¶§‡Parker, Frederic William | Parks Department, London County Council, New County Hall, S.E.1. |
| 3 | Oct. 1921 | *¶Parker, Harold Vincent .. | 8, Temple Row, Wrexham, N. Wales. |
| 2 | Nov. 1918 | *Parker, Herbert William, Capt. | Claremont, Brighton Road, Sutton, Surrey. |
| 0 | Oct. 1900 | *Parker, Howard .. .. .. | Pine Coulu P.O., via Gull Lake, Saskatchewan. |

‡ Special Forestry Diploma.

| Dip. No. | Date of Election. | PROFESSIONAL ASSOCIATES. | Address. |
|---|---|---|---|
| 9245 | Oct. 1923 | *¶PARKER, RICHARD CECIL OXLEY | Malting Farm, Little Hallingbu Bishop's Stortford. |
| 7903 | Nov. 1918 | *¶PARKER, ROBERT, CAPT., M.C. .. | Mostyn Estate Office, Llandudno. |
| 9065 | Oct. 1922 | *¶PARKER, ROBERT .. .. .. | 67, Lichfield Street, Gateshead, Durham. |
| 9246 | Oct. 1923 | *¶PARKIN, CHARLES FREDERICK | 37, Brighton Street, Barrow-in-F ness, Lancs. |
| 2979 | Oct. 1895 | *PARKS, WALTER .. .. .. .. | 51, Havelock Road, Hastings, Suss |
| 3251 | Oct. 1897 | *PARNACOTT, ARTHUR CHARLES.. | 93, York Road, Westminster Br Road, S.E. |
| 5514 | Oct. 1908 | *¶PARRATT, ALBERT MARTIN.. .. | 45, Downton Avenue, S.W.2. |
| 9406 | Oct. 1924 | *¶PARROTT, DAVID GEORGE .. | c/o Messrs. Lambert & Symes, H dock Wood, Kent. |
| 4230 | Oct. 1903 | *PARROTT, HUGH FRANCIS VIVIAN | 15, Smithfield Chambers, E C.1. |
| 7326 | Oct. 1913 | *PARRY, DAVID MORRIS .. .. | Gwynfryn, Pwllheli, N. Wales. |
| 6799 | Oct. 1912 | *PARRY, WALTER JOHN .. .. | Hiraetlog, Upper Promenade, Col Bay. |
| 6021 | Oct. 1910 | *¶PASCOE, HERBERT .. .. .. | 5, Scholemoor Avenue, Clayton H Bradford. |
| 9066 | Oct. 1922 | *¶PASTERFIELD, VERE CLARENCE | 3, Maude Road, Camberwell, S.E |
| 9247 | Oct. 1923 | *¶PATERSON, JOHN RIMMER .. | 16, Cook Street, Liverpool. |
| 5576 | Feb. 1909 | §*PATEY, GEORGE HEAD .. .. | 3 and 5, Station Road, Watford, H |
| 5008 | Oct. 1906 | *PATON, HUGH .. .. .. .. | Arley Green, Northwich, Cheshire. |
| 7328 | Oct. 1913 | *¶PATTEN, JOHN .. .. .. .. | 18, Bailiffgate Street, Alnwick. |
| 6804 | Oct. 1912 | *PATTINSON, JEFFREY .. .. .. | 26, Elgin Crescent, Bayswater, W |
| 5240 | Oct. 1907 | *¶PAUL, FRANCIS .. .. .. .. | H.M. Office of Works (Survey Branch), Westminster, S.W.1. |
| 6022 | Oct. 1910 | *¶PAUL, GEORGE GARNHAM .. .. | Varenna, East Sheen Avenue, Sheen, S.W.14 (Surrey). |
| 2980 | Oct. 1895 | *PAUL, JOHN WILLIAM.. .. .. | 31, Bedford Row, W.C. |
| 5241 | Oct. 1907 | *¶PAYNE, ERNEST ALBERT DENISON .. .. .. .. | 14, Warwick Street, Worthing. |
| 7329 | Oct. 1913 | *PAYNE, FREDERICK GEORGE .. | Valuation Department, Old Co Hall, Spring Gardens, S.W.1. |
| 8918 | Jan. 1922 | PAYNE, WILLIAM BRADLEY .. | C.E. in C.'s Dept. Admiralty, S. |
| 9407 | Oct. 1924 | *¶PEACOCK, ROBERT MOLESWORTH .. .. .. .. .. | Park Cottage, Bromham, Bedfo |
| 5748 | Oct. 1909 | *PEAKE, ALBERT EDWARD .. .. | County Hall, Cambridge. |
| 3116 | Oct. 1896 | *PEARCE, CHARLES FREDERICK .. | 71, Edgware Road, W. |
| 4232 | Oct. 1903 | *PEARCE, STEPHEN HARVEY .. | Architect's Department, L.C.C., County Hall, S.E.1., and Pob Conway Road, Southgate, (Middlesex). |
| 9248 | Oct. 1920 | *¶PEARD, JOHN CUTHBERT NOEL, CAPT., M.C. .. .. .. .. | The Croft, North Curry, Taunto |

| | Date of Election. | PROFESSIONAL ASSOCIATES | Address. |
|---|---|---|---|
| 1 | Oct. 1913 | *Pearse, Martin .. .. .. .. | Abinger, Egmont Road, Sutton, Surrey. |
| 5 | Oct. 1921 | *¶Pearse, Walter Pitts .. | Barncott, Plympton, S. Devon. |
| 6 | Oct. 1921 | *¶Pearson, Frederick George | 199, Dover House Road, Roehampton, S.W.15. |
| 3 | Oct. 1910 | *Pearson, George Parker .. | Estate Office, Grittleton, Chippenham, Wilts. |
| 4 | Oct. 1910 | *Pearson, Norman Hanson .. | 11, Argyle Street, Tynemouth, Northumberland. |
| 1 | Oct. 1902 | *Pearson, Thomas Gibson.. .. | Town Hall, Barrow-in-Furness, Lancashire. |
| 7 | Oct. 1922 | *¶Peat, Robert Wright .. .. | Branxholm, Montague Road, Datchet, Bucks. |
| 2 | Oct. 1924 | *¶Peay, Charles Howard .. | c/o Messrs. S. Walker & Son, 22, Moorgate, E.C. |
| 5 | Feb. 1913 | *Peel, William Ralph .. .. | Salisbury Hall, Ribchester, near Preston, Lancs. |
| 4 | Feb. 1894 | *Pegge, John Thomas.. .. .. | The Anchorage, Durham. |
| 1 | Oct. 1920 | *¶Pegler, Frank Reginald .. | Peacehaven Estates, Peacehaven, nr. Newhaven, Sussex. |
| 7 | Oct. 1921 | *¶Peirce, Peter Carrington | 30, St. Petersgate, Stockport. |
| 3 | Oct. 1907 | *Peirce, Richard George.. .. | Borough Surveyor's Office, Worthing. |
| 8 | Oct. 1923 | *¶Pendered, Thomas Dent Elliot | Surveyor and Valuer, P.W.D., Hong Kong, China. |
| 9 | Oct. 1923 | *¶Pendlebury, Claude Luther | 6, Pembroke Terrace, Cardiff. |
| 3 | Oct. 1913 | *¶‡Pennington, Richard Watson | Cowbeech House, near Hailsham, Sussex. |
| 5 | Oct. 1910 | *¶Pennington, Stanley Muncaster .. .. .. .. .. | 10, Merton Road, Bootle, Lancs. |
| 8 | Oct. 1921 | *¶Penny, Reginald Thomas .. | High Street, Epping. |
| 4 | Oct. 1913 | *Pentleton, Robert Henry .. | Revelstoke, Salisbury Road, Carshalton, Surrey. |
| 9 | Oct. 1924 | *¶Pepper, Walter .. .. .. | Cleveland Place, Hebden Bridge, Yorks. |
| 0 | Oct. 1909 | *¶Percival, Frank Neville .. | Estate Office, Singleton Park, Poulton-le-Fylde, Lancashire. |
| 9 | Oct. 1912 | *Perkin, Charles .. .. .. | 41, Palatine Road, Northenden. |
| 2 | Oct. 1902 | *Perkin, Daniel Ward .. .. | 667, Salisbury House, London Wall, E.C.2. |
| 3 | Oct. 1911 | *Perkin, Reginald Jeffries .. | 11, Cole Hill, Tamworth, Staffs. |
| 9 | Oct. 1921 | *Perkins, Frank King .. .. | 7, Baldock Way, Hills Avenue, Cambridge. |
| 8 | Nov. 1890 | *Perkins, Joseph .. .. .. | 86, Willows Road, Balsall Heath, Birmingham. |
| 6 | Oct. 1913 | *Perrin, Frank Janes .. .. | Bridge Buildings, Barnstaple, N. Devon. |

‡ Special Forestry Diploma.

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|---|---|---|---|
| 7906 | Nov. 1918 | *PERRIN, JOEL WILLIAMSON HENRY .. .. .. .. .. | Crossfell, Tilehurst Road, Reading |
| 3722 | Oct. 1900 | *PERRINS, GEORGE LATHAM .. | 23, Halifax Road, Ainsdale, Southp |
| 9250 | Oct. 1923 | *¶PERRY, EVELYN ELLIS (MISS) | H.M. Office of Works, 2 & 4, Augus Street, Cumberland Market, N.W |
| 9251 | Oct. 1923 | *¶PERRY, HENRY .. .. .. | 19, Stamford Road, De Beauv Town, N.1. |
| 5518 | Oct. 1908 | *PETER, ARTHUR GRANVILLE .. | Northernhaye, Launceston, Cornwa |
| 4310 | Feb. 1904 | *¶PETERS, GEORGE FARMER JAMES | 71, High Street, Guildford. |
| 8600 | Oct. 1921 | *¶PETERS, HERBERT THOMAS .. | c/o Hunt, Peddar & Knight, S mundham, Suffolk. |
| 8601 | Oct. 1921 | *¶PETERS, LESLIE .. .. .. | c/o Messrs. Baxter, Payne & Lepp Bromley, Kent. |
| 6454 | Feb. 1912 | *PETLEY, BERTRAM .. .. .. | Crixhall Court, Staple, Canterbur |
| 6344 | Oct. 1911 | *PETLEY, GUY .. .. .. .. | Crixhall Court, Staple, Canterbury. |
| 7691 | Nov. 1916 | *¶PETTETT, HERBERT CHARLES .. | 46, Haverstock Hill, South Ham stead, N.W. |
| 1021 | Dec. 1883 | PEWTRESS, HERBERT WILMS-HURST .. .. .. .. .. | 15, Cursitor Street, Chancery Lane, W |
| 8602 | Oct. 1921 | *¶PEXTON, FREDERICK WILLIAM | Braddon House, 170, Savile Ro Savile Town, Dewsbury, Yorks |
| 6345 | Oct. 1911 | *¶PHILCOX, CECIL LODGE .. .. | Redmayne, Stanley Avenue, Beck ham, Kent. |
| 6812 | Oct. 1912 | *¶PHILLIPS, SAMUEL CHARLES .. | 64, Woodside Avenue, Highgate, N |
| 8282 | Oct. 1920 | *¶PHILLIPS, WILLIAM GEORGE | 234, Barcombe Avenue, Streath Hill, S.W.2. |
| 6813 | Oct. 1912 | *¶PHILLIPS, WILLIAM RITCHIE, CAPT. | c/o Property Investment Co., L 4, Queen Street Place, E.C.4. |
| 7337 | Oct. 1913 | *PICKERSGILL, ALFRED .. .. | Gloucester Mansions, Cambridg Circus, W.C.2. |
| 8283 | Oct 1920 | *¶PICKIN, ROBERT WILLIAM .. | 52, Morland Road, Burnley. |
| 8603 | Oct. 1921 | *¶PICKUP, JOHN .. .. .. .. | 43, Eldon Road, Blackburn. |
| 8604 | Oct. 1921 | *¶PIDGEON, FRANK ALLEN .. | Messrs. Morgan Baines & Clark. Su Surrey. |
| 6814 | Oct. 1912 | *PIERPOINT, LEONARD .. .. .. | 31, King Street, Wigan. |
| 4497 | Oct. 1904 | *PILBEAM, FRANCIS NEWCASTLE.. | 19, Feilding Road, West Kensing W.14. |
| 8605 | Oct. 1921 | *¶PILDITCH, PHILIP HAROLD, A.R.I.B.A. .. .. .. .. | 6–8, Old Bond Street, W.1. |
| 9068 | Oct. 1922 | *¶PILKINGTON, JOHN MULOCK .. | 85, North Side, Clapham Comm S.W.4. |
| 3754 | Oct. 1897 | *PINFOLD, FRANCIS ARTHUR .. | Estate Office (S.W. & B. Sectio Southern Railway, Victoria, S. |
| 9069 | Oct. 1922 | *¶PINHORN, ALFRED CHARLES .. | 534, Commercial Road, Stepn E.1. |

| Date of Election. | PROFESSIONAL ASSOCIATES | Address. |
|---|---|---|
| Oct. 1919 | *¶PINKERTON, JOHN CASSELS, M.C. | 24, Woodburn Road, Newlands, Glasgow. |
| Nov. 1918 | *¶PINKHAM, COURTENAY SHORT .. | City Engineer's Office, Queen's Square, Bristol. |
| Oct. 1923 | *¶PINNELL, HENRY JAMES .. | Metropolitan Water Board, 173, Rosebery Avenue, E.C.1. |
| Oct. 1924 | *¶§PIPE, ALBERT WILLIAM .. | Thorpe, Eagle Lane, Snaresbrook, E.11. |
| Oct. 1911 | *PIPE, HENRY JAMES .. .. .. | Bickley, Druce Road, Dulwich, S.E. |
| Oct. 1921 | *¶PIPER, PERCY JAMES .. .. | Dariel, Wantage Road, Reading. |
| Oct. 1920 | *¶PITTAM, EDWARD CHARLES .. | "Tendring," Empress Avenue, Woodford Green, Essex. |
| Oct. 1922 | *¶PITTS, DOUGLAS YATE .. .. | 54, Huskisson Street, Liverpool. |
| Oct. 1922 | *¶PLATT, EDWARD POULTER .. | 169, Gosbrook Road, Caversham, Reading. |
| Oct. 1906 | *¶PLUMB, FRANCIS CLARKSON .. | c/o A. S. Soutar, 8, King William Street, Strand, W.C. |
| Oct. 1906 | *¶PLUMSTEAD, HENRY WILLIAM LEWIS | 8, Whitehall Lane, Buckhurst Hill, Essex. |
| Oct. 1921 | *¶POINTING, HERBERT JOHN .. | 160, Thorold Road, Ilford. |
| Oct. 1913 | *POINTON, HAROLD JESSE .. .. | 13, Albert Street, Newcastle, Staffs. |
| Nov. 1918 | *POLLINGTON, EDWARD VICTOR.. | 86, Brucefield Avenue, Dunfermline, Fife. |
| Oct. 1920 | *¶POOL, ARTHUR HARRY WILLIAM | 6, Ashdown Road, Kingston-on-Thames, Surrey. |
| Oct. 1920 | *¶POOLE, REGINALD .. . .. | 95, Merton Road, Bootle, Liverpool. |
| Oct. 1921 | *¶POOLE, SAMUEL HENRY .. | 44, Gordon Street, Scarborough. |
| Oct. 1910 | *POORE, JOHN .. .. .. .. | Badminton, Gloucester. |
| Oct. 1905 | *POPE, HERBERT BURGHAM .. | 2, Devonshire Terrace, Portland Place, W. |
| Oct. 1920 | *¶PORTER, EDWARD LETTINGTON | Wrotham, College Avenue, Grays, Essex. |
| Oct. 1921 | *¶PORTER, HAROLD .. .. .. | 17, Danehurst Street, Fulham, S.W.6. |
| Oct. 1899 | *POTTER, SHIRLEY HERBERT .. | 2, Stanhope Gardens, Highgate, N.6 (Middlesex). |
| Oct. 1910 | *¶POTTIER, ALFRED .. .. .. | 17, Julien Road Coulsdon, Surrey. |
| Feb. 1911 | *POTTS, GILBERT ACKROYD .. | 34, Victoria Buildings, Victoria Street, Manchester. |
| Oct. 1912 | *†POVER, WILLIAM ALFRED.. .. | 54, Park Road, Faversham, Kent. |
| Oct. 1905 | *POVEY, STEPHEN GODDARD .. | 17, Blagrove Street, Reading. |
| Oct. 1923 | *¶POWELL, CLIVE DAVID ALLEN | 40, Woodstock Road, Moseley, Birmingham. |
| Oct. 1921 | *¶POWELL, HERBERT WILLIAM JOHN | Thorneycroft, St. Edeyrns Road, Penylan, Cardiff. |
| Oct. 1919 | *¶POWELL, HUMPHREY CROFTS .. | 38, Wilbury Road, Hove, Sussex. |

¶ Special Rating Diploma. † Special Sanitary Science Diploma.

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|---|---|---|---|
| 4499 | Oct. 1904 | *POWER, RICHARD REILLY.. .. | Civil Engineer-in-Chief's Departm Admiralty, S.W. |
| 9411 | Oct. 1924 | *¶PRALL, HENRY HERBERT .. | 150, Eastgate, Rochester. |
| 8611 | Oct. 1921 | *¶PRANCE, CHARLES WILLIAM, M.I.M.CY.E. .. .. .. .. | Council Offices, Wimborne, Dor |
| 8612 | Oct. 1921 | *PREECE, EDWIN THOMAS ORLANDO | 17, Frederick Road, Edgbaston, I mingham. |
| 9072 | Oct. 1922 | *¶PRENTICE, ROBERT JOHNSTON CALDER | Public Works Dept., Pretori S. Africa. |
| 7342 | Oct. 1913 | *¶PRESTON, WALTER RONALD .. | Formosa, Weybridge, Surrey. |
| 4774 | Oct. 1905 | *PREVATT, FRANCIS CHRISTOPHE | 163, Belmont Circular Road, Port Spain, Trinidad, West Indies. |
| 6817 | Oct. 1912 | *PRICE, ERIC ARTHUR .. .. | 92, Holden Road, N.12 (Middles |
| 6818 | Oct. 1912 | *¶PRICE, GEORGE STANLEY .. .. | Carlton House, Hawarden, nr. Che |
| 8613 | Oct. 1921 | *¶PRICE, GILBERT RHYS .. .. | 5, Louvaine Road, S.W.11. |
| 5248 | Oct. 1907 | *PRICE, JOHN ROWLAND .. .. | 102, Bradwall Road, Sandbach, Ches |
| 5249 | Oct. 1907 | *PRICE, REGINALD HENRY KING | Estate Buildings, 7, St. Steph Street, Bristol. |
| 7344 | Oct. 1913 | *PRICE, THOMAS GEORGE .. .. | 5, Eagle Street, Port Talbot, Gl |
| 8614 | Oct. 1921 | *PRICE, WILLIAM THOMAS .. | Harper Adams Agricultural Coll Newport, Salop. |
| 9073 | Oct. 1922 | *¶PRICHARD, JAMES THOMAS .. | Manselton Villa, Ferryside, C marthenshire. |
| 7916 | Nov. 1918 | *¶PRIEST, BERNARD .. .. .. | The Estate, Riddlesworth Ha Thetford. |
| 5522 | Oct. 1908 | *PRIOR, ARTHUR SPARKS, LIC.R.I.B.A. .. .. .. .. | 31, Montpelier Crescent, Brighto |
| 6351 | Oct. 1911 | *PRIOR, GORDON STEWART .. .. | 20, Berkeley Street, Piccadilly, W |
| 8615 | Oct. 1921 | *¶PRITCHARD, CEDRIC HOOD .. | Bank Buildings, Colston Ave Bristol. |
| 6821 | Oct. 1912 | *¶PRITCHARD, WILLIAM, A.R.I.B.A. | Housing Dept., Municipal Build Liverpool. |
| 9412 | Oct. 1924 | *¶PROCTOR, JOHN .. .. .. | 179, Gladstone Road, Barry, G |
| 6352 | Oct. 1911 | *¶PROSSER, ROGER, B.SC. .. .. | The Elms, Struet, Brecon. |
| 9254 | Oct. 1923 | *¶PROSSER, WALTER HENRY .. | 11, Adare Street, Bridgend, Glam |
| 7345 | Oct. 1913 | *PROUD, STANLEY SISSON .. .. | The Wish, Uttoxeter, Staffs. |
| 5250 | Oct. 1907 | *¶PULFORD, LEONARD CYRIL .. | The Cedars, Addiscombe, Surrey. |
| 7917 | Nov. 1918 | *¶PULLEN, HAROLD WILLIAM .. | 21, Dickenson Road, Crouch Hill, (Middlesex). |
| 6823 | Oct. 1912 | *¶PUNTER, PERCIVAL ALAN .. | 61, Coronation Road, Cwmbran, M |
| 9074 | Oct. 1922 | *¶PURDIE, JOHN ERNEST .. .. | Whytecotte, Petersham Avenue, fleet, Surrey. |
| 7724 | Oct. 1917 | *¶PURRY, ERNEST STEPHEN .. .. | 51, Parliament Hill, Hampstead, N |
| 6824 | Oct. 1912 | *PURSGLOVE, ARCHIBALD, A.R.I.B.A. | 10, Elmsmere Road, Fog Lane, Did Manchester. |

| ip. o. | Date of Election. | PROFESSIONAL ASSOCIATES. | Address. |
|---|---|---|---|
| 30 | Oct. 1910 | *Pusser, Daniel Robert .. .. | 252, Old Kent Road, S.E. |
| 55 | Oct. 1923 | *¶Putt, Edward Pomeroy .. | 29, Burland Road, Clapham Common, S.W.11. |
| 35 | Oct. 1917 | *¶Puzey, Sidney Theodore .. | 46, Philbeach Gardens, S.W.5. |
| 85 | Oct. 1895 | *Pye, George Henry.. .. .. | Rocklyn, Barkers Lane, Ashton-on-Mersey, Cheshire. |
| 75 | Oct. 1922 | *¶Pyne, Reginald Walter .. | 10, Roke Gardens, Godstone Road, Purley, Surrey. |
| 02 | Oct. 1904 | *¶Quarmby, Charles David .. | 64, Crescent Lane, Clapham, S.W. |
| 46 | Oct. 1913 | *Quilter, Henry.. . .. .. | St. Malo, Percy Road, Hampton-on-Thames, Middlesex. |
| 18 | Nov. 1918 | *Quirke, Raymond Fitzwilliam, Capt., o.b.e. | 8, Royalty Mansions, Meard Street, Wardour Street, W. |
| 58 | Oct. 1909 | *¶Radburn, Sydney Charles .. | Cheriton Ridge, Kingston Hill, Surrey. |
| 16 | Oct. 1921 | *¶Raddall, Thomas .. .. .. | Fleardon, Callington, Cornwall. |
| 17 | Oct. 1921 | *¶Ragg, Frederick Reginald | William Deacon's Bank Chambers, Colwyn Bay, N. Wales. |
| 18 | Oct. 1921 | *¶Ralph, Sydney Maurice .. | 14, Preston Road, North End, Portsmouth. |
| 19 | Oct. 1921 | *¶Rampton, Frederick .. .. | 41, Ditchling Rise, Brighton. |
| 25 | Oct. 1912 | *¶Rampton, Percy William .. | 5, Mount Street, W.1. |
| 49 | Oct. 1913 | *Ramsay, Ernest William .. | Littlecroft, Abbott Road, Abbots Langley, Herts. |
| 20 | Oct. 1921 | *¶Ramsay, Weston .. .. .. | c/o Messrs. Borrett & Borrett, 31, Charing Cross, S.W.1. |
| 20 | Nov. 1918 | *¶Ramsden, George .. .. .. | Town Hall, Market Drayton, Salop. |
| 56 | Oct. 1923 | *¶Randall, Victor Horace .. | 1, Cranbrook Road, Ilford, Essex. |
| 81 | Oct. 1899 | *¶Ransom, Thomas Reginald .. | 26, Dover Street, W.1. |
| 27 | Oct. 1912 | *Ratcliff, William Watts .. | The Willows, West Drayton, Middlesex. |
| 16 | Oct. 1898 | *Rawstron, Charles Oliver .. | Surveyor's Office, Imperial Buildings, Rotherham. |
| 67 | Oct. 1919 | *Rayden, John Markett .. | The Forestry Commission, Castle Chambers, Shrewsbury. |

| Dip. No. | Date of Election. | PROFESSIONAL ASSOCIATES. | Address. |
|---|---|---|---|
| 4241 | Oct. 1903 | *¶RAYMOND, JAMES OWEN .. .. | 55, Uxbridge Road, Rickmansworth Herts. |
| 8621 | Oct. 1921 | *¶§RAYNER, HENRY JOSEPH .. | 47, Beclands Road, S.W.17. |
| 7351 | Oct. 1913 | *¶RAYNER, KENNETH .. .. .. | 34, Benswood Avenue, Leamington Spa, Warwickshire. |
| 7352 | Oct. 1913 | *RAYNER, WILLIAM DEX LEA, M.B.E. .. .. .. .. .. | Glengarif, Wroxham, Norfolk. |
| 6032 | Oct. 1910 | *RAYSON, WILLIAM JAMES .. .. | 56, Sackville Road, Bexhill. |
| 7353 | Oct 1913 | *READ, ALBERT EDWARD .. .. | 57, Alderbrook Road, Balham, S.W. |
| 8622 | Oct. 1921 | *¶READ, JOHN .. .. .. .. | Mountain Ash. Hornchurch Esse |
| 7692 | Nov. 1916 | *¶READ, VAUGHAN .. .. .. .. | 10, Beaufort Place, Lambridge, Bat. |
| 8289 | Oct. 1920 | *¶REAN, WILLIAM HENRY O.B.E., A.M.I.C.E., M.I.M.&C.E. | c/o Egyptian Government Educational Mission, 28, Victoria Stree S.W.1. |
| 5253 | Oct. 1907 | *¶REAVELL, CHARLES ASQUITH | 5, Bedford Row, W.C.1. |
| 3417 | Oct. 1898 | *REDFERN, CHARLES FREDERICK | c/o Foster and Redfern, 7, Temp Row West, Birmingham. |
| 4243 | Oct. 1903 | *REED, EDWARD B. .. .. .. | P.W.D., Hong Kong, China. |
| 6830 | Oct. 1912 | *¶REED, FRANK UNDERHILL .. | 12, Balham Hill, S.W.12. |
| 6831 | Oct. 1912 | *REED, STANLEY GORDON .. .. | Parks Department, L.C.C., New County Hall, S.E.1. |
| 9076 | Oct. 1922 | *¶REES, DAVID WATKIN .. .. | "Bodlondeb," Penybank, Amma ford, S. Wales. |
| 9257 | Oct. 1923 | *¶REES, EDGAR STUART .. .. | 32, Convent Street, Waun We Swansea. |
| 7726 | Oct. 1917 | *¶REES, ERNEST JOHN .. .. .. | 20, Rugby Avenue, Neath, S. Wale |
| 6359 | Oct. 1911 | *REES, MORGAN .. .. .. .. | Penydre House, Neath, Glamorgansh |
| 3887 | Oct. 1901 | *REES, WILLIAM HAROLD .. .. | Braeside, Crossland Road, Redhill. |
| 6832 | Oct. 1912 | *REEVE, HENRY GEORGE .. | c/o T. Reeve, The Paddock, Litt Stambridge, Rochford, Essex. |
| 9258 | Oct. 1923 | *¶REEVE, WALTER ESMOND .. | 4, Old Jewry, E.C.2. |
| 8068 | Oct. 1919 | *¶REEVES, LEONARD .. .. .. | Stoney Bank, Kidsgrove, Stoke-o Trent. |
| 8623 | Oct. 1921 | *¶REID, COLIN COLQUHOUN .. | 5, Chisholme Street, Glasgow. |
| 9259 | Oct. 1923 | *¶REID, ERIC CHARLES MORRIS .. | 169, Belle Vue Road, Leeds. |
| 6033 | Oct. 1910 | *¶REID, ROBERT DONALD .. .. | 23, F thringham Road, Ayr. |
| 8624 | Oct. 1921 | *¶REMNANT, EUSTACE ARCHIBALD | Ex-Officers' Residential Club, Leinster Gardens, Lancaster Gat W.2. |
| 1290 | Oct. 1920 | *¶RENNICK, CHARLES BURRIDGE | Assessor's Office, Corporation of Ra goon, Rangoon. |
| 9413 | Oct. 1924 | *¶REX, EDWIN STANLEY .. .. | Wilton Estate Office, near Redc Yorks. |
| 9260 | Oct. 1923 | *¶REYNOLDS, KENNETH CHARLES REES | c/o Knight, Frank & Rutley, Hanover Square, W.1. |

| ip. o. | Date of Election. | PROFESSIONAL ASSOCIATES. | Address. |
|---|---|---|---|
| 9 | Oct. 1919 | *¶Rhys, John Percival .. .. | Surveyors' & Estate Office, Gt. W. Rly., 164-5, Westbourne Terrace, W.2. |
| 6 | Oct. 1913 | *¶Riccomini, James Arthur .. | Surveyor's Dept., County Hall, Cardiff. |
| 6 | Oct. 1908 | *Richards, John Sydenham .. | 3, Trinity Place, Swansea. |
| 1 | Oct. 1909 | *¶§Richards, Robert Herbert.. | Whitehouse Common, Sutton Coldfield. |
| 1 | Oct. 1923 | *¶Richardson, Arthur Reeves | 28, Asmuns Hill, Golder's Green, N.W.11 (Middlesex). |
| 1 | Oct. 1920 | *Richardson, Benjamin .. | William Street, Houghton-le-Spring, Co. Durham. |
| 2 | Nov. 1918 | *¶Richardson, Ernest Gilbert | 41, Bedford Row, W.C.1. |
| 7 | Oct. 1913 | *Richardson, Frederick .. .. | 7, Little College Street, Westminster Abbey, S.W. |
| 7 | Oct. 1905 | *Richardson, George .. .. | East View, Grove Hill, Middlesbrough. |
| 5 | Oct. 1921 | *¶Richardson, William .. .. | Brynteg, Bryn Road, Swansea. |
| 2 | Oct. 1906 | *Richardson, William Edward | 9, Goldhurst Terrace, South Hampstead, N.W. |
| 4 | Oct. 1924 | *¶Richmond, Hubert Inglis .. | Vicars Cross, Chester. |
| 7 | Oct. 1907 | *¶Rickards, Clement Archbold Ross | 24, Albany Gardens, Whitley Bay, Northumberland. |
| 2 | Oct. 1920 | *Rickets, Reginald Herbert | 15, Sandhills, Shepperton, Middlesex. |
| 4 | Oct. 1899 | *¶Riddett, Maurice Charles .. | Town Hall Chambers, Ryde, Isle of Wight. |
| 6 | Oct. 1912 | *Riddle, Wilfrid Patterson .. | Guildhall, Hull, Yorks. |
| 7 | Oct. 1912 | *¶Ride, William Henry .. .. | 2, Byrkley Street, Burton-on-Trent, Staffs. |
| 6 | Oct. 1921 | *¶Rider, William Herbert .. | 2, Curzon Road, Southport. |
| 5 | Oct. 1924 | *¶Ridgway, Ivor .. .. .. | Heathencote, Towcester, Northants. |
| 9 | Jan. 1922 | ¶Riley, Charles Henry .. | 11, Victoria Street, Westminster, S.W.1. |
| 8 | Nov. 1918 | *Riley, Richard Holden .. | "Ingledene," Merlin Road, Blackburn. |
| 1 | Feb. 1904 | *Ringland, William Ewart .. | 8, Wellington Road, St. John's Wood, N.W. |
| 4 | Oct. 1909 | *Risdon, John Peart.. .. .. | c/o Risdon & Leversha, Wiveliscombe, Somerset. |
| 2 | Oct. 1923 | *¶Ritchie, Walter Henry Denison .. .. .. .. | 57, Commercial Road, Portsmouth. |
| 4 | Nov. 1918 | *Ritchie, William Todd .. .. | 14, Pitcullen Terrace, Perth. |
| 3 | Oct. 1923 | *¶Ritson, Vivian .. .. .. | Lambridge Grange, Bath. |
| 6 | Oct. 1924 | *¶Rittener, Gerald .. .. | Mossville, Gledholt, Huddersfield. |
| 0 | Oct. 1904 | *¶Rivers, Frank Wilfred.. .. | 23, Bedford Row, W.C. |

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|---|---|---|---|
| 8627 | Oct. 1921 | *¶ROACH, DAVID JOHN .. .. | 8, Gelli Crossing, Ystrad Rhond- Glam. |
| 7614 | Oct. 1915 | *¶ROBB, THOMAS WRIGHT .. .. | 129, Carsaig Drive, Craigton, Glasg- |
| 3419 | Oct. 1898 | *¶ROBBINS, WALTER FRANCIS .. | 4, Carmalt Gardens, Putney, S.W. |
| 6455 | Feb. 1912 | *ROBERTS, ARTHUR CECIL.. .. | Broadway Estate Office, Bexl- heath, Kent. |
| 6036 | Oct. 1910 | *ROBERTS, FREDERICK LEONARD | 32, St. Matthews Avenue, Surbit- Surrey. |
| 9077 | Oct. 1922 | *¶ROBERTS, FREDERICK LUSCOMBE | c/o Messrs. Smith & Moore, Portland Street, Southampton. |
| 7358 | Oct. 1913 | *ROBERTS, HERBERT JOHN .. | Lexham Hall Estate Office, Kin Lynn, Norfolk. |
| 7359 | Oct. 1913 | *¶ROBERTS, HOWARD .. .. .. | 42, Clifton Gardens, Golders Gre- N.W.11 (Middlesex). |
| 3888 | Oct. 1901 | *ROBERTS, JOHN .. .. .. .. | Churton Villa, Tarvin Road, Chester |
| 8293 | Oct. 1920 | *ROBERTS, JOHN MEIRION .. | 24, Severn Street, Welshpool, Mo- gomeryshire. |
| 8294 | Oct. 1920 | *¶ROBERTS, JOSEPH NORMAN .. | Treflan, Tredegar, Mon. |
| 8628 | Oct. 1921 | *¶ROBERTS, MORGAN GRAHAM .. | 3, St. George's Terrace, Swanse |
| 6363 | Oct. 1911 | *¶ROBERTS, WILLIAM HUGHES .. | 14, Platts Avenue, Watford, Herts. |
| 9264 | Oct. 1923 | *¶ROBERTSON, DONALD GEORGE | 9, Rollscourt Avenue, Herne H S.E.24. |
| 8070 | Oct. 1919 | *¶§ROBERTSON, HUBERT ALEXANDER .. .. .. .. | 27, Camberwell Green, S.E.5. |
| 8629 | Oct. 1921 | *ROBERTSON, LAWRENCE GEORGE | c/o Chief Engineer, British For Egypt. |
| 9265 | Oct. 1923 | *¶ROBERTSON, WILSON MATHIE- SON .. .. .. .. .. .. | 4, Dean Park Street, Edinburgh. |
| 7925 | Nov. 1918 | *ROBINSON, BENJAMIN GRANT .. | 69, Central Street, Springfield, Ma U.S.A. |
| 8295 | Oct. 1920 | *¶ROBINSON, GEORGE INGRAM | 7, Tacketts Street, Blackburn, Lan |
| 5528 | Oct. 1908 | *ROBINSON, LESLIE .. .. .. | 1, Station Road, Balham, S.W. |
| 8297 | Oct. 1920 | *¶ROBINSON, MAURICE DIXON | 7 Tacketts Street, Blackburn, Lan |
| 8298 | Oct. 1920 | *¶ROBLEY, JOHN .. .. .. | Ingleberg, Beckermet, Cumberlan |
| 9078 | Oct. 1922 | *¶ROBSON, GEOFFREY BERTRAM | 17, Lisson Grove, Hale, Cheshire. |
| 9417 | Oct. 1924 | *¶ROBSON, JOHN EDWARD BOTTLE .. .. .. .. | 19, Berkeley Road, Newbury. |
| 7615 | Oct. 1915 | *¶RODERICK, BENJAMIN.. .. .. | Ashbrook House, Aberdare, S. Wal |
| 6540 | Oct. 1912 | *RODERICK, WILLIAM DAVID, CAPT., D.S.O., M.C. | Beignon, Richards Terrace, Ro Cardiff. |
| 9079 | Oct. 1922 | *¶RODGERS, JOHN HERBERT MARSHALL | 12, Moorland Road, Hyde Pa Leeds. |
| 4783 | Oct. 1905 | *¶RODWELL, LIONEL HELM .. .. | The Estate Office, Threxton, Watt Norfolk. |
| 5259 | Oct. 1907 | *ROGERS, EDGAR ARTHUR, CAPT. | Engineer's Dept., Town Hall, Ham, E.6 (Essex). |

| ip. o. | Date of Election. | PROFESSIONAL ASSOCIATES. | Address. |
|---|---|---|---|
| 30 | Oct. 1921 | *¶Rogers, Ernest Arthur .. | Lynwood, Havant, Hants. |
| 18 | Oct. 1924 | *¶Rogers, Frederick Ionn .. | Estate Office, Keston Park, Farnborough Common, Kent. |
| 36 | Oct. 1923 | *¶Rogers, James Walter .. | 102, East Dulwich Grove, S.E.22. |
| 29 | Oct. 1908 | *Rogers, John .. .. .. .. | 14, St. Alban's Road, Swansea. |
| 50 | Oct. 1907 | *Rogers, John Russell .. .. | 6, High Street, Maldon, Essex. |
| 41 | Oct. 1912 | *¶Rogers, Matthew Spencer .. | County Surveyor's Office, Eastern Division, Wrexham. |
| 30 | Oct. 1908 | *¶Rolfe, Charles Bertram .. | 48, Clarendon Villas, Hove, Sussex. |
| 39 | Oct. 1910 | *¶Roome, Frank Morris .. .. | 27, Deyncourt Gardens, Upminster, Essex. |
| 37 | Oct. 1923 | *¶Roper, Edward Elliston .. | 90, Cannon Street, E.C.4. |
| 14 | Oct. 1904 | *Roper, John William .. .. | 90, Cannon Street, E.C.4. |
| 30 | Mar. 1884 | Rose, Edward Joseph .. .. | 58, Corn Market Street, Oxford. |
| 79 | Feb. 1913 | *¶Rose, Frederic Charles.. .. | 74, Station Road, Redhill, Surrey. |
| 26 | A. Nov.1918 | *¶Rose, Ronald Charles .. .. | Stuart Road, High Wycombe, Bucks. |
| 31 | Oct. 1921 | *¶Rose, Sydney George.. .. | 12, Clarendon Gardens, Maida Vale, W.9. |
| 42 | Oct. 1912 | *¶Ross, John .. .. .. .. .. | 7, Derby Road, Watford, Herts. |
| 32 | Oct. 1921 | *¶Rossiter, William Clark .. | 110, Rannoch Road, Hammersmith, W.6. |
| 33 | Oct. 1921 | *¶Rowe, Basil Arthur .. .. | Council Offices, Dyne Road, Kilburn, N.W.6. (Middlesex). |
| 30 | Oct. 1922 | *¶Rowe, Howard Charles .. | 59, Anson Road, Cricklewood, N.W.2 (Middlesex). |
| 38 | Oct. 1923 | *¶Rowe, Watson .. .. .. | 180 Halifax Road, Hove Edge, Lightcliffe, near Halifax. |
| 71 | Oct. 1919 | *Rowell, Clifford William ... | 10, Whitehall Place, S.W.1. |
| 34 | Oct. 1921 | *¶Rowland, Frank Skinner .. | Smithbarn Lane, Horsham. |
| 35 | Oct. 1905 | Rowland, Harold Evans .. | The Gatehouse, Russell Hill, Purley, Surrey. |
| 39 | Oct. 1923 | *¶Rudd, Douglas George Ferris | c/o The Midland Bank, Portmadoc, Carnarvonshire. |
| 17 | Oct. 1904 | *Rule, Thomas .. .. .. .. | 33, Melling Road, Southport. |
| 26 | Oct. 1906 | *Rumsby, Walter Samuel . | Avenue Chambers, The Square, Bournemouth. |
| 35 | Oct. 1921 | *¶Runtz, Ernest Munro .. | c/o Messrs. Alfred Savill & Sons, 69, South Audley Street, Grosvenor Square, W. |
| 36 | Oct. 1921 | *¶Ruse, John .. .. .. .. | Devon County Council, Avenue Road, Newton Abbot, Devon. |
| 18 | A. Oct. 1904 C.F. May '20 A. June1923 | *¶Russell, Ernest, Capt., R.E. | Camp Anglais, Rue de Mulon Masclef, Bethune, Pas de Calais, France, and 80, The Highway, Moulsecoomb, Brighton. |
| 7 | Oct. 1921 | *¶Russell, Ernest William .. | County Agricultural Officer, Shire Hall, Bedford. |

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|---|---|---|---|
| 8299 | Oct. 1920 | *¶Russell, Thomas Ramsay .. | Clermiston, Helensburgh, Dumbart- shire. |
| 4519 | Oct. 1904 | *¶Ruthen, Ernest Sidney .. | 33, Great James Street, Bedford R W.C. |
| 6844 | Oct. 1912 | *Rutherford, Alexander Kirk- wood .. .. .. .. .. | Dalton Vicarage, Rathubarn, Yor |
| 6845 | Oct. 1912 | *¶Rutherford, John Seymour .. | Carnarvon Estate Office, Bingha Nottingham. |
| 3587 | Oct. 1899 | *Rutter, Arthur Lionel, M.A. (*Cantab.*) .. .. .. .. .. | 63, Sidney Street, Cambridge. |
| 8638 | Oct. 1921 | *¶Rutter, John Gibson .. .. | The Long House, Coombe Warr Kingston Hill, Surrey. |
| 6456 | Feb. 1912 | *Ryan, Bernal John, Capt., M.C., O.B.E. | c/o Messrs. Lloyds Bank, L Bombay. |
| 5767 | Oct. 1909 | *¶Rylatt, Walter Puckering, A.R.I.B.A. | The Crescent, Hathersage, Der shire. |
| 9419 | Oct. 1924 | *¶Sadd, Arthur Gilbert .. | 13, Kings Road, Mumbles, Swanse |
| 8639 | Oct. 1921 | *¶Sage, Ernest Derrett .. | The Grange, Usk, Mon. |
| 3257 | Oct. 1897 | *St. Aubyn, Belville Moles- worth, B.A. (*Oxon.*) .. .. | Hamble Bank, Warsash, Hants. |
| 2605 | Oct. 1893 | *Sale, Arthur Reed .. .. .. | Custom and Excise Office, East L don, South Africa. |
| 8640 | Oct. 1921 | *¶Salmon, Douglas John .. | c/o C. Lovegrove, 58, London R Portsmouth. |
| 5264 | Oct. 1907 | *Salter, William Eric .. .. | Attleborough, Norfolk. |
| 4252 | Oct. 1903 | *¶Salwey, Arthur .. .. .. | 29 & 31, Hatfield Road, St. Alba Herts. |
| 7693 | Nov. 1916 | *¶Samuel, Ronald Astley .. | Tanyrallt, Eaton Grove, Swansea |
| 9081 | Oct. 1922 | *¶Sanders, Charles Fletcher | Principality Buildings, Queen Str Cardiff. |
| 7727 | Oct. 1917 | *¶Sanders, Denis Charles William | East Farndon Hall, Market H borough. |
| 9420 | Oct. 1924 | *¶Sanders, Solomon .. .. | 153, Cambridge Road, E.1. |
| 8641 | Oct. 1921 | *¶Satchell, John Gerard Douglas | The Station Approach, Letchwo Herts. |
| 5265 | Oct. 1907 | *Saunders, Edward Youngs .. | Borough Surveyor's Office, Barnst |

| p. | Date of Election. | PROFESSIONAL ASSOCIATES. | Address. |
|---|---|---|---|
| 2 | Oct. 1910 | *Saunders, Leslie .. .. .. | 1, Carteret Street, Westminster, S.W.1. |
| 2 | Oct. 1921 | *¶Savage, Richard Bruce .. | Clifton House, Whaley Bridge, Derbyshire. |
| 4 | Oct. 1903 | *Savage, Tom Albert.. .. .. | 36, Moston Road, Middleton Junction, Manchester. |
| 2 | Oct. 1922 | *¶Savill, Alfred Cecil .. .. | 7, Birchin Lane, E.C.3. |
| 0 | Nov. 1918 | *¶Savill, Edwin Lydall .. | 51, Lincoln's Inn Fields, W.C.2. |
| 0 | Oct. 1920 | *¶Savill, Eric Humphrey .. | 51, Lincoln's Inn Fields, W.C.2. |
| 1 | Nov. 1918 | *¶§Sawbridge, Daniel .. .. | Kensington House, Wigan Lane, Wigan. |
| 2 | Nov. 1918 | *¶Sawyers, Sydney Milton .. | 5-7, Grafton Street, Byker, Newcastle on-Tyne. |
| 3 | Oct. 1921 | *¶Saxon, Frederick Charles | Cathedral Chambers, S. Werburgh Street, Chester. |
| 9 | Oct. 1909 | *¶Scales, Arthur Alfred .. .. | 53, Morley Road, East Twickenham. |
| 1 | Oct. 1920 | *¶Scanlan, William Henry .. | 42, Henley Road, Ilford, Essex. |
| 2 | Oct. 1908 | *¶Scantlebury, William Seth .. | 1, Penberth Road, Catford, S.E.6. |
| 4 | Oct. 1921 | *¶Scarsbrook, Reginald George | Surveyors' Estate Office, 164, Westbourne Terrace, Paddington, W.2. |
| 7 | Oct. 1907 | *¶Sceats, Douglas Briant.. .. | 28, Station Road, Bexhill-on-Sea. |
| 6 | Oct. 1910 | *¶Schilling, John Francis.. .. | 3, The Broadway, Weybridge, Surrey. |
| 3 | Oct. 1922 | *¶Schofield, Harold Francis | 1, Stow Park Crescent, Newport, Mon. |
| 5 | Oct. 1921 | *¶Schofield, Riley .. .. .. | c/o Engineer and Surveyor's Office, Broadway House, Mitcham, Surrey. |
| 8 | Oct. 1907 | *¶Scholes, John Greaves .. .. | Bank Head, Bamber Bridge, Lancs. |
| 2 | Oct. 1894 | *Scorer, Alfred George .. | Hillcrest, Chilworth, Guildford. |
| 6 | Oct. 1921 | *¶Scott, Albert Clarke.. .. | c/o E. A. Shaw, Esq., 3, Broad Court, Bow Street, W.C.2. |
| 3 | Oct. 1904 | *Scott, James Cospatrick .. .. | Broomlands, Kelso, Roxburgh. |
| 4 | Oct. 1908 | *Scott, John Henry .. .. .. | 3, Bolton Street, Harrogate. |
| 4 | Oct. 1922 | *¶Scott, Leslie Thomas Bazell | 12, Woodstock Road, Poplar, E.14. |
| 5 | Oct. 1922 | *¶Scott, Matthew Gardner .. | 3, Elliot Drive, Giffnock, Renfrewshire, N.B. |
| 9 | Oct. 1912 | *Scott, William Easton .. .. | 170, Fosse Road South, Leicester. |
| 6 | Oct. 1922 | *¶Scroggs. Joseph Herbert .. | c/o Boniwell & Co., 1, The Parade, Claygate, Surrey. |
| 6 | Oct. 1913 | *Scrutton, Frank Seymour .. | Crockham Cottage, Waterford, Lymington, Hants. |
| 7 | Oct. 1921 | *¶Scurfield, Robert .. .. | Town Hall Chambers, Guildford. |
| 2 | Oct. 1920 | *¶Seabrook, Ernest Carden .. | 21, Hilldrop Crescent, Camden Road, N.7. |
| 3 | Oct. 1905 | *Seago, Ralph Wollaston .. | Custom House Buildings, Lowestoft, Suffolk. |

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|---|---|---|---|
| 4256 | Oct. 1903 | *SEALE, PERCY JAMES .. .. | 485, California Street, San Francis |
| 8073 | Oct. 1919 | *¶SEARLE, GILBERT ODELL.. .. | Glenmore House, Lambeg, Lisbu Ireland. |
| 6850 | Oct 1912 | *¶SEATON, THOMAS HARDMAN .. | L. & N.E. Railway, District Engine Office, 74, Wellington Street, Lee |
| 6369 | Oct. 1911 | *¶SEDGWICK, ERNEST .. .. .. | 12, Waterloo Place, Sunderland, Durham. |
| 2468 | Nov. 1891 | *SEDGWICK, RUPERT WILLIAM .. | Elnothington, Hollingbourne, Ker |
| 9087 | Oct. 1922 | *¶SEEL, RALPH CECIL .. .. | 75, St. Mary Street, Cardiff. |
| 8303 | Oct. 1920 | *¶SEEL, ROBERT AMYAS .. .. | 75, St. Mary Street, Cardiff. |
| 1234 | Dec. 1884 | *§SELBY, JOHN BASELEY .. .. | Atherton Hall, Leigh, near Manchest |
| 3733 | Oct. 1900 | *SELLER, FRANK RUSSELL.. .. | Hamilton House, Victoria Embankm E.C. |
| 8648 | Oct. 1921 | *¶SEVERS, CHARLES COCHRANE | 67, The Avenue, Lewes. |
| 7367 | Oct. 1913 | *¶§SEXTON, GEORGE WILLIAM FRANCIS | Rosemount, Christchurch Aven Brondesbury Park, N.W. (Mid sex). |
| 4524 | Oct. 1904 | *SHARMA, LAKSHMI CHAND .. | Deputy Director of Agricult Eastern Circle, U.P., Partabg (Oudh), India. |
| 7368 | Oct. 1913 | *SHARP, WILLIAM ALFRED .. .. | Brasenose House, 35, Kensing High Street, W.8. |
| 7369 | Oct. 1913 | *SHARPE, HENRY ERNEST .. .. | Estate Dept., Euston, N.W.1. |
| 5535 | Oct. 1908 | *¶SHARPLESS, ARTHUR .. .. .. | 13, Hillside Crescent, Leigh-on-S (Essex). |
| 1425 | Dec. 1887 | *SHAW, ARTHUR .. .. .. .. | Ramsden Estate Offices, Railway St Huddersfield, Yorkshire. |
| 8649 | Oct. 1921 | *¶SHAW, ERNEST.. .. .. .. | Borough Surveyor's Departmen Town Hall, Stockport. |
| 5536 | Oct. 1908 | *SHAW, FREDERICK JOHN .. .. | Westgate Chambers, Newport, Mon |
| 7370 | Oct. 1913 | *SHAW, ROBERT WILLIAM .. .. | 3, The Drive, Earlsfield Garde Grantham. |
| 5537 | Oct. 1908 | *SHEARBURN, WILLIAM IVERY .. | Culverton Lodge, Dorking, Surrey. |
| 3262 | Oct. 1897 | *SHEARER, JAMES HUGHAN, A.R.I.B.A. | 1, Bigwood Road, Golders Gre N.W.11 (Middlesex). |
| 6371 | Oct. 1911 | *¶SHEATH, ALBERT GEORGE .. .. | 389, Holdenhurst Road, Bour mouth, Hants. |
| 6047 | Oct. 1910 | *SHEDDEN, EDWARD CLAUDE .. | c/o Messrs. David & David, Cathedral Road, Cardiff. |
| 8650 | Oct. 1921 | *¶SHELBOURN, PHILIP CLIVE .. | South Parade, Melton Mowb Leicestershire. |
| 3424 | Oct. 1898 | *¶SHELDON, HAROLD .. .. .. | Alderley Edge, Cheshire. |
| 6852 | Oct. 1912 | *¶SHELLEY, WILLIAM LINCOLN .. | 28, Beatrice Road, Finsbury Park (Middlesex). |
| 9089 | Oct. 1922 | *¶SHEPHERD, GEORGE VALENTINE WILLIAM .. .. | 18, Bryngwyn Road, Newport, M |

| Date of Election. | PROFESSIONAL ASSOCIATES. | Address. |
|---|---|---|
| Oct. 1912 | *Shepherd, John Linn .. .. | 35, Lang Street, Dundee. |
| Oct. 1906 | *Sheppard, John Mortimer .. | 39, Bloomsbury Square, W.C. |
| Oct. 1921 | *¶Sheridan, William .. .. | 5, Bedford Street, Belfast. |
| Feb. 1909 | *¶Sherwin, Cyril Joseph .. .. | 94, North Side, Wandsworth Common, S.W. |
| Oct. 1920 | *¶Sherwin, James Austin .. | Oficina Via y Obras, F.C.C.A., Cordoba, Argentine. |
| Nov. 1918 | *¶Sherwin, Samuel William .. | c/o J. H. Lofting, Esq., Union Buildings, 5th Floor, Shanghai, China. |
| Oct. 1920 | *Shimmin, William Alfred .. | 22, Victoria Avenue, Douglas, I.O.M. |
| Oct. 1913 | *Shiner, Lawrence Alexander David | Greyshott, Crest Hill Avenue, Grays, Essex. |
| Oct. 1901 | *¶Shipwright, William George, Lic.R.I.B.A. .. .. .. .. | "Akbar," Albion Road, Broadstairs. |
| Oct. 1912 | *¶Shortreed, William.. .. .. | 29, Albany Street, Edinburgh. |
| Oct. 1922 | *¶§Shott, Cecil Douglas .. | City Surveyor's Office, Guildhall, E.C.2. |
| Oct. 1921 | *¶Sibbald, William Logan .. | 75, Langshaw Street, Old Trafford, Manchester. |
| Oct. 1909 | *¶Sich, Percy Bertram Wardell | Norfolk House, The Mall, Chiswick, W. (Middlesex). |
| Oct. 1922 | *¶Silver, Gordon .. .. .. | 120, Ridley Road, Forest Gate, Essex. |
| Oct. 1913 | *Simkin, Rowland Ive .. .. | Tintagel, Southcliff, Walton-on-Naze. |
| Oct. 1912 | *Simmons, George Herbert .. | 10, High Street, Doncaster, Yorks. |
| Oct. 1922 | *¶Simmons, Victor Alexander | Eastrop Fields, Basingstoke, Hants. |
| Oct. 1920 | *¶Simonds, Charles Cabourn Bannister | c/o Messrs. Boult Son & Maples, 5, Cook Street, Liverpool. |
| Oct. 1915 | *¶Simpson, Harry Trevor .. | Rating Surveyor's Office, Tower Buildings, Wallgate, Wigan. |
| Oct. 1921 | *¶Simpson, James Grant.. .. | City Assessor's Office, 40, Cochrane Street, Glasgow. |
| Jan. 1922 | Simpson, Victor H. .. .. | 3, Duke Street, Adelphi, W.C.2. |
| Oct. 1921 | *¶Sinden, Leslie William .. | Coulsdon Downs Estate Agency, Station Approach, Coulsdon, Surrey. |
| Nov. 1918 | *¶Singleton, James Neil .. .. | Stocksbridge, near Sheffield. |
| Oct. 1923 | *¶Sisson, George Senga Waugh | 86, Seymour Street, Crossmyloof, Glasgow. |
| Oct. 1909 | *Skeen, Ernest Alexander .. | H.M. Office of Works, Storey's Gate, S.W. |
| Oct. 1920 | *¶Skeet, Norman John .. .. | Newlands, Whitehall Road, Thornton Heath, Surrey. |
| Oct. 1905 | Skeffington, Thomas Ashford | 230, Milverton Boulevard, Toronto, Ontario, Canada. |

| Dip. No. | Date of Election. | PROFESSIONAL ASSOCIATES. | Address. |
|---|---|---|---|
| 3166 | Feb. 1897 | *¶Skingle, Alfred Charles .. | 127A, Seabourne Avenue, We Southbourne, Bournemouth. |
| 9093 | Oct. 1922 | *¶Skinner, Charles William | 87, Mount Pleasant Road, N. (Middlesex). |
| 8656 | Oct. 1921 | *¶Skinner, Robert Ellman .. | 179, Horninglow Street, Burton Trent. |
| 7377 | Oct. 1913 | *¶Skinner, Russell Edward .. | 209, Upper Wrotham Road, Gra end, Kent. |
| 6859 | Oct. 1912 | *¶Skipper, Reginald Hayward.. | Norfolk Lodge, Lichfield R. Sutton Coldfield, Warwickshi |
| 7378 | Oct. 1913 | *Skitmore, Thomas .. .. .. | Estate Office, Eccleshall, Staffs. |
| 6931 | Feb. 1913 | *Skitt, Rowland Colley .. .. | Bakarat, Sudan. |
| 4527 | Oct. 1904 | *Sladdin, Arnold Gladstone.. | Hove Edge, Lightcliffe, Yorks. |
| 1050 | Jan. 1884 | Slade, Isaac .. .. .. .. | The Hey, Claremont Road, W Kirby, Cheshire. |
| 4066 | Oct. 1902 | *Slater, Arthur James .. .. | 11, St. Ives Mount, Armley, Le |
| 8657 | Oct. 1921 | *¶Slater, Geoffrey Brian .. | 77, Queen Street, Cheapside, E |
| 9094 | Oct. 1922 | *¶Slater, Gilbert .. .. .. | Borough Engineer's Office, T Hall, Buxton, Derbyshire. |
| 9421 | Oct. 1924 | *¶Slater, John Alfred .. .. | Mouldings, Whittingham Lan Goosnargh, near Preston. |
| 8658 | Oct. 1921 | *¶Slipper, Reginald Owen .. | Avondale Park, Walmer Ro N. Kensington, W.11. |
| 4797 | Oct. 1905 | *Smallbone, Henry James .. | Streatley-on-Thames, Berkshire. |
| 7695 | Nov. 1916 | *¶Smith, Alfred Ernest .. .. | 3, Vernham Road, Plumstead, S.E |
| 6862 | Oct. 1912 | *Smith, Arthur Frederick .. | 15, Elm Road, New Malden, Su |
| 4068 | Oct. 1902 | *¶Smith, Arthur Kitson .. .. | 116, Judd Street, W.C. |
| 7380 | Oct. 1913 | *Smith, Charles Herbert .. | 2nd District, Yelverton Cham Yelverton Road, Bournemou |
| 4798 | Oct. 1905 | *Smith, Edmund George .. | c/o Messrs. Harland & Sons, Ba Herts. |
| 7381 | Oct. 1913 | *Smith, Edwin, A.R.I.B.A. .. .. | Bryngolwg, Western Moor H Neath, S. Wales. |
| 9095 | Oct. 1922 | *¶Smith, Ernest .. .. .. | Whitfield Estate Office, Allens Hereford. |
| 6373 | Oct. 1911 | *Smith, Ernest Disraeli .. .. | 9, Spring Gardens, S.W. |
| 6374 | Oct. 1911 | *Smith, Ernest Leonard.. .. | East Mount, Sandown, Isle of W |
| 4262 | Oct. 1903 | *Smith, Frank Hall .. .. .. | Surveyor's Office, Sheringham, No |
| 8659 | Oct. 1921 | *¶Smith, Frederick Sutton .. | 8, Ross Parade, Wallington, Su |
| 7534 | Oct. 1914 | *¶Smith, Geoffrey .. .. .. | 78, Parchment Street, Winch |
| 9272 | Oct. 1923 | *¶Smith, Geoffrey Howard .. | 19, Old Square, Lincoln's Inn, W |
| 5275 | Oct. 1907 | *Smith, George Stuart St. John | Ivy House, High Street, Uck Sussex. |
| 7382 | Oct. 1913 | *Smith, Harold .. .. .. .. | 6, Tennyson Road, Bedford. |

| Date of Election. | PROFESSIONAL ASSOCIATES. | Address. |
|---|---|---|
| Oct. 1907 | *Smith, Harold Sankey .. .. | Great Sanders Estate Office, Sedlescombe, Sussex. |
| Oct. 1913 | *Smith, Harry .. .. .. .. | 42, Devonshire Street, Keighley, Yorks. |
| Oct. 1903 | *Smith, Harry Vincent .. .. | 34, Sherborne Gardens, Ealing, W. (Middlesex). |
| Oct. 1905 | *Smith, Herbert Frederick George .. .. .. .. .. | Estate Office, Waldershare Park, Dover. |
| Oct. 1912 | *¶Smith, Herbert Gordon.. .. | Sunnyside, Monkseaton, Northumberland. |
| Oct. 1915 | *¶Smith, James Dougan .. .. | 25, McAllister Avenue, Clarkton, Airdrie, N.B. |
| Oct. 1906 | *Smith, John Edward .. .. | Shipley Fields, Frizinghall, Bradford. |
| Oct. 1907 | *Smith, John Harold.. .. .. | 160, High Street, Uxbridge, W. (Middlesex). |
| Oct. 1922 | *¶Smith, John Raymond .. .. | Cardington, Grange Road, Sutton, Surrey. |
| Oct. 1922 | *¶Smith, Leonard Drury .. | 63, Union Grove, Clapham, S.W.8. |
| Oct. 1905 | *Smith, Percival.. .. .. .. | St. Mary's, Minskip, Boroughbridge, Yorks. |
| Oct. 1921 | *¶Smith, Rupert Thomas William .. .. .. .. | 47, Lower Fant Road, Maidstone. |
| Oct. 1924 | *¶Smith, Thomas Robinson .. | 8, Foulis Street, Glasgow, W.2. |
| Nov. 1916 | *¶Smith, Walter Daniel .. .. | 3, Castellain Mansions, Maida Vale, W. |
| Nov. 1890 | *Snailum, Walter Wadman .. | Church Street and Wingfield Road, Trowbridge, Wilts. |
| Oct. 1920 | *¶Sneath, Philip George .. | 32, Great St. Helen's, E.C.3. |
| Oct. 1913 | *¶Snell, Charles Frederick .. | Municipal Offices, Singapore. |
| Oct. 1923 | *¶Soloman, John Frederick Cother | 18, Nottingham Road, Bishopston, Bristol. |
| Oct. 1912 | *Sorrell, Godfrey Alfred Victor | 38, Clarence Street, Southend-on-Sea. |
| Oct. 1906 | *Sorrell, Harold Valentine.. | 38, Clarence Street, Southend-on-Sea. |
| Oct. 1911 | *Souray, Edwin Guy .. .. | 247, West End Lane, Hampstead, N.W.6. |
| Oct. 1897 | *Southcombe, John Charles .. | Bridge Buildings, Barnstaple, Devon. |
| Nov. 1918 | *¶Southgate, Charles Crouch | 6, Dulwich Wood Park, S.E.19. |
| Oct. 1911 | *¶Southgate, Frederick John.. | Oak Cottage, Roffe's Lane, Chaldon (Surrey). |
| Oct. 1921 | *¶Spark, George .. .. .. | 16, Bridge Street, Aberdeen. |
| Oct. 1921 | *¶Sparkes, Robert Henry .. | Assembly Auction Rooms, Benfleet, Essex. |
| Oct. 1912 | *¶Sparks, Fernly George.. .. | Royal Naval Cordite Factory, Holton Heath, near Wareham, Dorset. |

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|---|---|---|---|
| 3496 | Feb. 1899 | *SPEAKMAN, JOHN MCCLURE .. | c/o Bank of British West Africa, L. 37, Gracechurch Street, E.C.3. |
| 6867 | Oct. 1912 | *SPEED, SYDNEY CHARLES .. .. | 2, Little Park Gardens. Enfi Middlesex. |
| 9099 | Oct. 1922 | *¶SPELMAN, CLEMENT FRANKLIN RIX | c/o Messrs. Joliffe, Flint & Cr Arcade Chambers, Bournemou |
| 5578 | Feb. 1909 | *SPENCER, AUBREY VERE, MAJOR, D.S.O. .. .. .. | Sutton Bridge, Lincolnshire. |
| 4267 | Oct. 1903 | *SPENCER, FRANCIS AUGUSTUS | Architect's Department, London Co Council, S.E.1. |
| 9274 | Oct. 1923 | *¶SPILLER, ERNEST WILLIAM .. | 5, Chesterford Gardens, Hampste N.W.3. |
| 6379 | Oct. 1911 | *SPINK, JAMES .. .. .. .. | 93A, Sinclair Road, W. Kensing W.14. |
| 6380 | Oct. 1911 | *SPRY, WILLIAM MURRAY STRADDAR | Head Office, P.W.D., George Str Brisbane, Queensland. |
| 3430 | Oct. 1898 | *STALLARD, HAROLD ORLANDO .. | Estate Office, Audley End, Saf Walden, Essex. |
| 5036 | Oct. 1906 | *STAMFORD, ALFRED ARTHUR .. | 23, Lower Green Road, Esher, Sur |
| 8663 | Oct. 1921 | *¶STANFORD, FRANK ERLYSMAN | Council Offices, Dorchester. |
| 8310 | Oct. 1920 | *¶STANHAM, ALAN FRANCIS GORDON | 26 & 27, Bush Lane, Cannon St E.C.4. |
| 8664 | Oct. 1921 | *¶STANHAM, HUGH GORDON .. | 26 & 27, Bush Lane, Cannon St E.C.4. |
| 5540 | Oct. 1908 | *STANIER, THOMAS MACPHERSON | Duchy of Cornwall Office, Lisk Cornwall. |
| 8311 | Oct. 1920 | *¶§STANILAND, DOUGLAS LENTON | 11A, High Street, Doncaster, Y |
| 6381 | Oct. 1911 | *STANLEY, GEORGE, A.M.I.C.E. .. | P.W.D., Sierra Leone, W. Africa. |
| 6054 | Oct. 1910 | *¶STANLEY, GERALD .. .. .. | Queen's Chambers, Cardiff. |
| 6055 | Oct. 1910 | *¶STANLEY, OWEN GEOFFREY, CAPT., A.M.I.C.E. | 93, Alumhurst Road, Bournem West. |
| 8665 | Oct. 1921 | *¶STANSFIELD, HUBERT RIGG .. | Roche Dene, Alexandra Ave Cleveleys, near Blackpool. |
| 5542 | Oct. 1908 | *STAPLETON, GEORGE AUBREY .. | 44, Chestnut Road, West Norw S.E.27. |
| 9100 | Oct. 1922 | *¶STARK, DUNCAN .. .. .. | Lovat Estates Offices, Beauly, I |
| 8666 | Oct. 1921 | *¶STARK, JAMES TOD .. .. .. | 209, Notre Dame Street, St. Lam Montreal, Canada. |
| 8076 | Oct. 1919 | *¶STEARN, FRANK .. .. .. | The Garden House, Nowton C Bury St. Edmund's, Suffolk. |
| 6056 | Oct. 1910 | *STEDEFORD, JOHN BRITTON .. | 189, Selhurst Road, South Norw S.E. (Surrey). |
| 3897 | Oct. 1901 | *STEDMAN, CHARLES FREDERICK .. | 6, Leeland Terrace, West Ealing, (Middlesex). |

| Date of Election. | PROFESSIONAL ASSOCIATES. | Address |
|---|---|---|
| Oct. 1913 | *¶Stedman, Ernest Walter .. | Elstree, 10, Marchmont Road, Wallington, Surrey. |
| Oct. 1904 | *Steeds, Herbert Eustace .. | c/o Couchman & Steeds, 75, New Street, Birmingham. |
| Oct. 1921 | *¶Stenholm, Adolph Henning | G. S. D. Whiddington, 61, Berners Street, W.1. |
| Oct. 1915 | *¶Stephen, Duncan Joseph .. | 634, South Normandie Avenue, Los Angeles, California, U.S.A. |
| Oct. 1921 | *¶Stephen, John, Jun. .. .. | 29, Kingsway, Waterloo, Liverpool. |
| Oct. 1909 | *Stephenson, Chambre Corcor Stillington .. .. .. .. | Corcastle, Innishannon, Co. Cork. |
| Nov. 1918 | *¶Stephenson, John Pickering | Oakamoor, Staffordshire. |
| Oct. 1904 | *Stephenson, Robert Barnard | "Waycot," Stafford Road, Lichfield. |
| Oct. 1913 | *Stevens, Alfred George .. | c/o F. Stevens, Esq., 4, Western Buildings, The Praze, Penryn, Cornwall. |
| Oct. 1921 | *¶Stevens, Gilbert Major .. | 47, Dumbarton Road, Brixton Hill, S.W.2. |
| Oct. 1920 | *¶Stevens, Herbert Cooper.. | 6, Barn Street, Marlborough, Wilts. |
| Oct. 1922 | *¶Stevens, Leslie Alfred Emile | 269, Archway Road, Highgate, N.6 (Middlesex). |
| Oct. 1913 | *Stevens, Roland Honyel .. | 7, Hobart Place, Grosvenor Gardens, S.W.1. |
| Oct. 1910 | *¶Stevenson, Alexander Ewing | Blawarthill, Scotstown West, Glasgow. |
| Feb. 1914 | *Steward, George Edward .. | Rio Preto S.P.N., Estado de São Paulo, Brazil. |
| Oct. 1912 | *¶Stewart, Alexander Wyper.. | 18, Bruntsfield Avenue, Edinburgh. |
| Oct. 1921 | *¶Stewart, Cuthbert Bertram | 29, Stanhope Road, Darlington. |
| Oct. 1912 | *¶Stewart, Neil .. .. .. .. | 5A, Aberlemno Terrace, Perth Road, Dundee. |
| Oct. 1920 | *¶Stewart, Theophile Lecompte .. .. .. .. | 18, Vaughan Street, Llanelly, S. Wales. |
| Oct. 1913 | *¶Stewart, William Hinton .. | Cliff Cottage, Barton-on-Sea, Hants |
| Oct. 1919 | *¶Stickland, Albert Edward.. | 1, Mill View, Mill Lane, Chadwell Heath, Essex. |
| Oct. 1913 | *¶Stiles, Arthur .. .. .. .. | 141, Moorgate, E.C.2. |
| Oct. 1907 | *¶Stiles, Herbert .. .. .. | 20, Temple Sheen Road, East Sheen, S.W. (Surrey). |
| Oct. 1905 | *¶Stimson, Douglas Cecil .. .. | 52, Brixton Hill, S.W. |
| Feb. 1900 | *¶Stimson, Edward Frederick | 82, Victoria Street, Westminster, S.W.1. |
| Oct. 1897 | *¶Stimson, Herbert Percy .. | 12, New Kent Road, S.E. |
| Oct. 1900 | *Stockings, Arthur Perry, Major, C.B.E. | 280-282, Dashwood House, 9, New Broad Street, E.C.2. |

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|---|---|---|---|
| 6382 | Oct. 1911 | *STOKES, EDGAR EDWARD .. .. | 29, Compton Road, Wimble S.W.19. |
| 7941 | Nov. 1918 | *STONE, GEORGE SARBATT NOKE | 147, Holborn, E.C.1. |
| 7395 | Oct. 1913 | *¶STONE, LEONARD VICTOR .. .. | Broadway House, Bromley, Ker |
| 9275 | Oct. 1923 | *¶STONES, CHARLES EDGAR .. | 88, Regent's Park Road, N.W.1. |
| 5783 | Oct. 1909 | *STOPHER, GEORGE .. .. .. | Corbiere, Maurice Road, King's H Birmingham. |
| 6875 | Oct. 1912 | *¶STORRY, FREDERICK WILLIAM SCOTT .. .. .. .. .. | Estate Office, Frickley, Doncaste |
| 8672 | Oct. 1921 | *¶STOTT, CHARLES GRANVILLE .. | 12, Dorlcote Road, Wandsw Common, S.W.18. |
| 6063 | Oct. 1910 | *¶STOTT, HERBERT WHARTON .. | 10, Clarence Terrace, Pudsey, Y |
| 6065 | Oct. 1910 | *¶STRATTON, PHILIP .. .. .. | 21, Walton Street, Aylesbury, B |
| 9102 | Oct. 1922 | *¶STREATHER, REGINALD .. .. | 24, Elms Avenue, Hendon, N (Middlesex). |
| 9103 | Oct. 1922 | *¶STREDDER, CECIL ALFRED EDWARD .. .. .. .. | 111, Jermyn Street, St. James's, S |
| 5284 | Oct. 1907 | *STRIDE, WALTER OSBORN .. .. | Messrs. Stride & Son, 63, Street, Chichester. |
| 8673 | Oct. 1921 | *¶STRINGER, RHODES .. .. | Askern, Alwinton Terrace, Gosf Newcastle-on-Tyne. |
| 6066 | Oct. 1910 | *¶STROUD, ALBERT WILLIAM.. .. | H.M.O.W. Storey's Gate, S.W. |
| 3739 | Oct. 1900 | *¶STRUDWICK, FRANK EDWARD .. | 12, Freelands Road, Bromley, I |
| 4273 | Oct. 1903 | *¶STRUDWICK, PHILIP .. .. .. | 14, Croft Villas, Green Lane, Eltham, Kent. |
| 4274 | Oct. 1903 | *¶STRUTT, JOHN JAMES .. .. .. | Whitelands, Witham, Essex. |
| 8314 | Oct. 1920 | *¶STUART, CHARLES FRASER .. | Office of H.M. Inspector of T 1st District, 31, Bank S Dundee. |
| 3134 | Oct. 1896 | *STUBBING, RICHARD WEBB .. | 14, Queen Anne's Gardens, Bush Park, Enfield. |
| 6067 | Oct. 1910 | *STUBINGTON, ROBERT ALAN .. | Survey Office, Kuala Lumpur, F. |
| 1578 | Feb. 1889 | *STUCKE, WILLIAM HENRY, A.R.I.B.A. .. .. .. .. .. | P.O. Box 2271, Johannesburg, B |
| 1296 | Jan. 1886 | *STURGESS, JOHN MOORE .. .. | Penshurst Park, near Tonbridg |
| 4808 | Oct. 1905 | *STURT, LESLIE .. .. .. .. | Highgate Station (G.N.R.), N. dlesex), and 61, High Street, gate, N.6. |
| 8315 | Oct. 1920 | *¶SUCKLING, WALTER SCOFIELD | 45, Newhall Street, Birmingha |
| 5785 | Oct. 1909 | *SUGDEN, ALBERT JOWETT .. .. | Ingleroyd, Bradford Road, W field. |
| 9104 | Oct. 1922 | *¶SUMMERFIELD, JOHN WILLIAM | 28, Brentwood Avenue, Aigb Liverpool. |
| 8674 | Oct. 1921 | *¶SUMMERS, JAMES WILLIAM .. | 10, Neville Street, Newcastl Tyne. |

| Date of Election. | PROFESSIONAL ASSOCIATES. | Address. |
|---|---|---|
| Oct. 1906 | *SUNDERLAND, AMOS .. .. .. | 113, Sydenham Road North, Croydon. |
| Oct. 1901 | *SURREY, CHRISTOPHER WILLIAM | 22, Buckingham Gate, S.W.1. |
| Oct. 1921 | *¶SUTHERLAND, ALEXANDER .. | 73, Mosspark Oval, Mosspark, Glasgow. |
| Feb. 1906 | *SUTTON, CECIL N. STAFFORD, CAPT., M.B.E. .. .. .. .. | Estate Office, Brockenhurst, Hampshire. |
| Oct. 1923 | *¶SUTTON, PHILIP ROWLEY .. | Cranford, Bramhall Park, Cheadle Hulme, Cheshire. |
| Oct. 1898 | *SWAN, HARROLD .. .. .. .. | 18, Wandle Road, Upper Tooting, S.W. |
| Jan. 1922 | SWINSTEAD, BERNARD RALPH | 329, Trinity Road, Wandsworth, S.W.18. |
| Oct. 1911 | *SYKES, CYRIL .. .. .. .. | Pound Land, Shamley Green, Guildford. |
| Nov. 1918 | *¶§SYMES, ALFRED GEORGE .. | Ashton, Cecil Park, Pinner, Middlesex. |
| Oct. 1905 | *¶SYMES, JAMES GORDON | S.E. Railway, Estate Dept., Tooley Street, London Bridge Station, S.E. |
| Oct. 1922 | *¶SYMONDS, REGINALD ERNEST | 1B, King Street, St. James's Square, S.W.1. |
| Oct. 1911 | *SYMONS, CECIL FREDERICK .. | St. Bannocks, Priorfield, Ashby-de-la-Zouch. |
| Oct. 1913 | *TACK, ARTHUR WILLIAM .. .. | 27, Midland Terrace, East Avenue, Keighley, Yorkshire. |
| Nov. 1909 | *TAIT, JOHN WILSON .. .. .. | 75, Princes Street, Edinburgh. |
| Oct. 1905 | *TALBOT, CECIL GORDON .. .. | 1, Birchwood Mansions, Muswell Hill, N.10 (Middlesex). |
| Oct. 1907 | *TALBOT-PONSONBY, ARTHUR HUGH BRABAZON .. .. .. | 17, Victoria Street, S.W. |
| Oct. 1906 | *¶TALLON, JOSEPH FRANCIS.. .. | 33, Lord Street, Chester. |
| Oct. 1921 | *¶TANDY, ALFRED HENRY .. | The Briers, Southville Road, Thames Ditton, Surrey. |
| Oct. 1901 | *TANNER, WILLIAM HUGH .. | 3, Hanover Square, W.1. |
| Oct. 1913 | *TAPLIN, GEORGE AUBREY .. | 26, Orchard Street, St. Augustine's, Bristol. |
| Oct. 1924 | *¶TAPPING, REGINALD ERNEST.. | The Old House, Waddon, Surrey. |
| Oct. 1904 | *TATE, HENRY TINDALL .. .. | County Hall, Beverley, Yorkshire. |
| Oct. 1907 | *TAYLOR, ALFRED MOULTON .. | 21, Church Hill, Leamington, Warwickshire. |
| Oct. 1910 | *¶TAYLOR, ARTHUR BRASSEY .. | 74, Foxley Lane, Purley, Surrey. |

§ Special Rating Diploma.

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|---|---|---|---|
| 8677 | Oct. 1921 | *¶Taylor, Cecil George .. | 35, Coolhurst Road, Crouch End, |
| 9106 | Oct. 1922 | *¶Taylor, Ernest Frederick Noel | Cnoc Aoibinn, Temple Park Ave Blackrock, Co. Dublin. |
| 9277 | Oct. 1923 | *¶Taylor, Frank Edward .. | 57, Aden Grove, Stoke Newing N.16. |
| 5546 | Oct. 1908 | *Taylor, George Arthur.. .. | Surveyor's Office, Swadlincote U. Swadlincote, nr. Burton-on-Tr |
| 8078 | Oct. 1919 | *¶Taylor, George Austen.. .. | Fairhaven, Plumpton, Sussex. |
| 7401 | Oct. 1915 | *Taylor, George Scarborough | Buntingford, Herts. |
| 5790 | Oct. 1909 | *¶Taylor, Harold Tom .. .. | 15, Windsor Terrace, Uplands, Sw sea. |
| 9278 | Oct. 1923 | *¶Taylor, James Gilbert .. | Castledene, Newport Road, Staff |
| 3274 | Oct. 1897 | *Taylor, John Francis White.. | 3, Lincoln's Inn Fields, W.C. |
| 6879 | Oct. 1912 | *Taylor, John Howarth .. .. | Bridgewater Offices, Walkden, M chester. |
| 7947 | Nov. 1918 | *¶Taylor, Leonard Joe .. .. | 82, Birmingham Road, Rowley R near Birmingham. |
| 3904 | Oct. 1901 | *Taylor, Russell Leigh .. .. | The Cottage, Maiden Bradley, B |
| 3905 | Oct. 1901 | *Taylor, Samuel Davis .. .. | Priory Bank, Monmouth. |
| 6073 | Oct. 1910 | *¶Taylor, Walter Floyd .. .. | 95, Whitworth Road, S. Norw Surrey. |
| 8922 | Jan. 1922 | Taylor, Walter H. .. .. | 53, Berwick Street, Victoria P near Perth, W. Australia. |
| 4811 | Oct. 1905 | *¶Taylor, William Graham .. | 59, Lynton Road, Springfield L Acton (Middlesex). |
| 7402 | Oct. 1913 | *Taylor, William Kenneth Wentworth | Engineer's and Surveyor's Dep ment, Urban District Cou Willesden (Middlesex). |
| 7403 | Oct. 1913 | *¶Taylor, William Thomas Percy | 25, Third Avenue, Kidsgrove, St on-Trent. |
| 9279 | Oct. 1923 | *¶Teasdale, George Nicholas | 18, Vicarage Street, North Shi |
| 4813 | Oct. 1905 | *Teasdale, George William .. | Borough Surveyor, Guildhall, C bridge. |
| 9280 | Oct. 1923 | *¶Teasdale, Thomas Moffatt | 6, Ravensdale Crescent, Low Gateshead-on-Tyne. |
| 6882 | Oct. 1912 | *¶Tebbit, Charles Leonard .. | Braintris, Hatfield, Broad Oak, low, Essex. |
| 9424 | Oct. 1924 | *¶Tebbutt, Bert Henry .. | Wilfholm, Loudwater, Rickma worth, Herts. |
| 4542 | Oct. 1904 | *Temple, Alfred .. .. .. | 41, High Street, Southend-on-Se |
| 6392 | Oct. 1911 | *Templeton, Stanley James .. | 36, Criffel Avenue, Streatham S.W.2. |
| 3596 | Oct. 1899 | *¶Terry, Francis William.. .. | Low Royd, St. Olave's Road, York |
| 9107 | Oct. 1922 | *¶Terry, Howard Vivian .. | Mickle Cottage, Mickle Traff Chester. |

| p. o. | Date of Election. | PROFESSIONAL ASSOCIATES. | Address. |
|---|---|---|---|
| '8 | Oct. 1921 | *¶Tew, Thomas .. .. .. .. | The Square, Norton Canes, nr. Cannock, Staffs. |
| 6 | Oct. 1920 | *¶Thain, Arthur Robert .. | Melbourn Villa, Morton Street, Royston, Herts. |
| 2 | Feb. 1913 | *Thatcher, Ivan James .. .. | King's Lynn Docks & Rly. Co., General Manager's Office, King's Lynn. |
| 4 | Oct. 1913 | *¶Thayer, John Diamond .. .. | 1, Harringay Avenue, Liverpool. |
| 8 | Feb. 1911 | *¶Thoburn, Hugh Forsyth .. | Kent House Estate Offices, Kent House, Beckenham. |
| 3 | Feb. 1913 | *¶Thomas, Alfred Christopher Llewellyn | Dundale Farm, Northfleet, near Gravesend, Kent. |
| 5 | Feb. 1906 | Thomas, Alfred William .. | Director of Works Department, Admiralty, S.W. |
| 5 | Oct 1924 | *¶Thomas, Edgar Howell .. | 59, Moy Road, Aberfan, Merthyr Tydfil. |
| 8 | Oct. 1922 | *¶Thomas, Edward Angus .. | Rosedale, Nelson, near Cardiff. |
| 7 | Oct. 1903 | *Thomas, Ernest James .. .. | 30, Landport Terrace, Portsmouth. |
| 5 | Oct. 1910 | *Thomas, Frederick Charles .. | Stanford, Churchfields, Woodford, Essex. |
| 6 | Oct 1924 | *¶Thomas, Haydn Lloyd .. | 111, St. Helens Road, Swansea. |
| 1 | Oct. 1909 | *¶Thomas, James Hugh Tremayne | 7, Woodville Road, Ealing, W. (Middlesex). |
| 1 | Oct. 1902 | *Thomas, Percival Hartland.. | 10, St. John Street, Bristol. |
| 3 | Oct. 1912 | *Thomas, Thomas David .. .. | Crawshaw Villa, Ton Pentre, Glam. |
| 4 | Oct. 1912 | *Thomas, William Reginald .. | 222, Great Dover Street, S.E.1. |
| 1 | Oct. 1907 | *Thompson, Alfred Alexander | 29, Orchard Street, Bristol. |
| 8 | Oct. 1910 | *Thompson, Arnold John.. .. | 12, Ballygunge Store Road, Calcutta, India. |
| 5 | Oct. 1912 | *¶Thompson, Arthur Taylor .. | Fairhaven, Albert Road West, Heaton, Bolton, Lancs. |
| 0 | Oct. 1894 | *Thompson, Claude William George Hugh .. .. .. | Estate Office, Escrick, York. |
| 1 | Oct. 1893 | *Thompson, Frederick Hubert | |
| 2 | Oct. 1907 | *Thompson, Frederick William | 39, Cato Road, Clapham, S.W.4. |
| 0 | Oct. 1921 | *Thompson Henry Clarence | 77, St. George's Avenue, Tufnell Park, N.7. |
| 8 | Oct. 1903 | *‡Thompson, John Clulow.. .. | Smeeton House, Smeeton, Leicester. |
| 1 | Oct. 1894 | *Thompson, Joseph Atherden.. | 8, Southampton Street, Bloomsbury Square, W.C.1. |
| 7 | Oct. 1908 | *Thompson, Newton Dukinfield | Breezes, Tylehurst, Reading. |
| 5 | Mar. 1895 | *¶Thompson, Roland O'Brien .. | Messrs. J. Rider, Hunt and Co., Bridge House, 181, Queen Victoria Street, E.C. |
| 3 | Oct. 1915 | *¶Thompson, Thomas, Jun... .. | Red House, Methley, near Leeds. |

‡ Special Forestry Diploma.

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|---|---|---|---|
| 5044 | Oct. 1906 | *Thompson, Thomas Errington | Estate Office, Swarcliffe, Birstwi Harrogate. |
| 9109 | Oct. 1922 | *¶Thompson, William Henry Harcourt | 82, Church Road, Moseley, Birmi ham. |
| 8317 | Oct. 1920 | *Thomson, Colin Thomas .. | 15, Wellington Street, Edinburgh. |
| 6887 | Oct. 1912 | *¶Thomson, David.. .. .. .. | County Court Buildings, Elvet Wa side, Durham. |
| 4543 | Oct. 1904 | *Thomson, Herbert D.. .. | 7, Warwick Court, High Holbo W.C.1. |
| 6889 | Oct. 1912 | *Thomson, James Black, A.M.I.C.E. .. .. .. .. .. | Town Hall, Southall, Middlesex. |
| 8681 | Oct. 1921 | *¶Thorburn, James .. .. .. | 18, Brandon Street, Motherwell. |
| 6079 | Oct. 1910 | *Thornley, Harold Victor .. | 77, Emmanuel Road, Balham, S.W.12. |
| 9281 | Oct. 1923 | *¶Thornton, Samuel West .. | Rosedale, Killiney, Co. Dublin. |
| 6395 | Oct. 1911 | *Thorpe, Arthur Ralph .. .. | 5, Peckham Road, Camberwell, S |
| 7410 | Oct. 1913 | *Thorpe, Raymond William .. | 46, Western Road, Hove. |
| 7949 | Nov. 1918 | *¶Thorpe, William Frederick | Town Planning Dept., Town H Hendon, N.W.4 (Middlesex). |
| 8682 | Oct. 1921 | *¶Tickle, Ronald Glenn .. | 63, Lavender Sweep, S.W.11. |
| 7624 | Oct. 1915 | *¶Tiddy, David George Reginald | Bath R.D.C., 4, Wood Street, Qu Square, Bath. |
| 4083 | Oct. 1902 | *Tidey, Herbert Gordon.. .. | 3, Pentonville Road, Islington, N. |
| 5045 | Oct. 1906 | *¶Tidmarsh, Charles Baillie .. | L. & N.E.Rly., District Estate Offi 12, Paton Street, Piccadilly, M chester. |
| 7411 | Oct. 1913 | *¶Tiffen, Thomas William .. | 1, The Crescent, Carlisle. |
| 8683 | Oct. 1921 | *¶Timbs, Arthur Claude .. | 333, Kingston Road, Merton Pa S.W.19. |
| 7625 | Oct. 1915 | *¶Titchmarsh, Stanley Ray .. | 63, St. Mildred's Road, Lee, S.E. |
| 3908 | Oct. 1901 | *Titterton, Sydney George Penn | Strand Estate Office, Southchu Road, Southend-on-Sea, Essex. |
| 4817 | Oct. 1905 | *Tivendale, Thomas .. .. .. | Highgate Station, G.N.R., N. (Mid sex), and 61, High Street, Hi gate, N.6 (N.W.) |
| 4548 | Oct. 1904 | *¶Tobias, Maurice.. .. .. .. | Architect's Dept., L.C.C. New Cou Hall, S.E.1. |
| 6891 | Oct. 1912 | *¶Todd, Benjamin Joseph Graves | 1, Hamilton Gardens, St. Joh Wood, N.W.8. |
| 9110 | Oct. 1922 | *¶Todd, George Wilfred Addison | c/o Messrs. Todd & Thorp, Land Green Ginger, Hull. |
| 4550 | Oct. 1904 | *¶Toley, Ernest Albert .. .. | Lensdene, Church Road, Hanw W.7 (Middlesex). |
| 6397 | Oct. 1911 | *¶Toley, Frank .. .. .. .. | The Grove, Hanwell, W.7 (Middlese |
| 7412 | Oct. 1913 | *¶Toll, Stanley .. .. .. .. | 69, Callcott Road, Brondesbury, N (Middlesex). |

| lp. o. | Date of Election. | PROFESSIONAL ASSOCIATES. | Address. |
|---|---|---|---|
| 82 | Oct. 1923 | *¶Tollett, George William .. | Finsbury House, Blomfield Street, E.C.2. |
| 11 | Oct. 1922 | *¶Tombs, Leonard Elliott .. | 81 & 83, Edgware Road, W.2. |
| 23 | Jan. 1922 | ¶Tomkins, Hugh Charles .. | 47, St. John's Park, N.19. |
| 46 | Oct. 1906 | *Tomkins, Samuel Edward .. | 47, St. John's Park, N.19. |
| 83 | Oct. 1923 | *¶Tomkys, Harold .. .. .. | 6, Drummond Street, Wolverhampton. |
| 19 | Oct 1920 | *¶Tomlinson, Fred .. .. .. | c/o Mrs. Shooter, Park Place, Worksop, Notts. |
| 84 | Oct. 1923 | *¶Tompkins, Lionel Ernest .. | Woodlands, Chelsfield, Kent. |
| 98 | Oct. 1911 | *¶Tong, Frederick Norman .. | 44, Church Road, Smithills, Bolton. |
| 20 | Oct. 1920 | *¶Toovey, James Rowland .. | 19, Cecil Road, Wealdstone Middlesex. |
| 36 | Oct. 1896 | *Town, Henry Annandale .. | 25, St. George's Terrace, Jesmond, Newcastle-on-Tyne, and 5, Market Street, Newcastle-on-Tyne. |
| 45 | Oct. 1900 | *Townly, Ronald Starkey .. | Rosebank, Downs Court Road, Purley, Surrey. |
| 34 | Feb. 1913 | *Townsend, Cecil Philip .. .. | Rosemead, Bath Road, Maidenhead, Berks. |
| 93 | Oct. 1907 | *Townsend, Edward Aldridge | 10, River Front, Enfield. |
| 99 | Oct. 1911 | *¶Tracy, Bernard David, A.R.I.B.A. .. .. .. .. .. | Engineer's Office, Guildhall, E.C.2. |
| 12 | Oct. 1922 | *¶Tregear, Reginald William | 6, London Road, Bognor. |
| 13 | Oct. 1913 | *Trench, Waldo Talbot .. .. | Grove Hill, Falmouth. |
| 21 | Oct. 1920 | *Trestain, Albert Edward | 18, Whitecross Road, Weston-super-Mare, Somerset. |
| 34 | Oct. 1921 | *¶Trigg, Robert .. .. .. | 15, North Street, Bishop Stortford, Herts. |
| 26 | Oct. 1915 | *¶Trinder, William Merrick .. | 44, Claremont Road, Teddington, Middlesex. |
| 31 | Oct. 1910 | *¶Trollope, Robert John .. .. | 25, Mount Street, W. |
| 97 | Oct. 1912 | *Trotter, Gerard .. .. .. | Messrs. Sworder, Knight & Trotter, Epping. |
| 35 | Oct. 1923 | *¶Trumper, Richard William | 27, Blakesley Avenue, Ealing, W.5 (Middlesex). |
| 13 | Oct. 1922 | *¶Tucker, Frederick George.. | Bunumba, via Segbwema, Sierre Leone, W. Africa. |
| 27 | Oct 1924 | *¶Tudor, Cecil William .. .. | 216, Upper Newtownards Road, Bloomfield, Belfast. |
| 1 | Oct. 1904 | *Turnbull, Robert Ernest .. | Wilton Estate Office, Salisbury. |
| 1 | Oct. 1911 | *Turner, Alexander Wakefield .. .. .. .. .. | Highfield House, Guildford. |
| 5 | Oct. 1913 | *Turner, Douglas Warner .. | Langwith Lodge, Mansfield, Nottinghamshire. |

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|---|---|---|---|
| 3278 | Oct. 1897 | *TURNER, DRYSDALE .. .. .. | 82, Ruskin Chambers, 191, Corpo tion Street, Birmingham. |
| 4819 | Oct. 1905 | *TURNER, HENRY CHARLES PETTIT | 204, Croydon Road, Anerley, S (Surrey). |
| 3279 | Oct. 1897 | *TURNER, HERBERT .. .. .. | 49, Deansgate, Manchester. |
| 5796 | Oct. 1909 | *TURNER, JOSCELIN MAITLAND | British Legation, Copenhagen, D mark. |
| 9114 | Oct. 1922 | *¶TURNER, RICHARD HENRY .. | High Street, Bracknell, Berks. |
| 3746 | Oct. 1900 | *TURNER, VINCENT .. .. .. | Town Hall, Rotherham. |
| 6402 | Oct. 1911 | *TURNER, WILFRID ARCHER .. | Union Chambers, Ashton-under Lyne, Lancs. |
| 8686 | Oct. 1921 | *¶TURNS, LESLIE WALTER . | 92, Upper Tollington Park, Fi bury Park, N.4 (Middlesex). |
| 8322 | Oct. 1920 | *¶TURVILL, OSCAR FREDERICK | 2, Frame Villas, Petersham Ro Ham Common, Surrey. |
| 8323 | Oct. 1920 | *¶TYDEMAN, ARTHUR EDGAR .. | 15, Lansdowne Gardens, S.W.8. |
| 2612 | Oct. 1893 | *¶TYLER, WILLIAM BOTT .. .. | Estate Department, L. & N. W. R Euston Station, N.W. |
| 8687 | Oct. 1921 | *¶TYRER, JOHN MORGAN HOWARD | 54, Highbury Hill, N.5. |
| 1168 | May 1884 | UDNY, AUGUSTUS CHARLES.. .. | 142, Springfield Road, Brighton. |
| 5298 | Oct. 1907 | *ULLYETT, LESLIE GEORGE STANTON | c/o Messrs. Patching & Co. (oppos Station), Worthing, Sussex. |
| 4820 | Oct. 1905 | *¶UPTON, THOMAS HERBERT .. .. | Estate Office, Burton Park, Petwor Sussex. |
| 8324 | Oct. 1920 | *¶USHER, WILLIAM ARTHUR .. | c/o City Engineer's Dept., Bloemfo tein, S. Africa. |
| 8688 | Oct. 1921 | *¶USHERWOOD, JAMES, JUN. .. | 2, Blythswood Drive, Glasgow. |
| 8924 | Jan. 1922 | VALE, THOMAS ARTHUR .. .. | 16, Darlington Street, Wolver hampton. |
| 8325 | Oct. 1920 | *¶VALLANCE, DAVID .. .. .. | 17, Dalnair Street, Yorkhill, Glasg |
| 6085 | Oct. 1910 | *VANSTONE, FREDERICK WILLIAM ELLIOTT | Council Offices, Windermere, We morland. |

| Date of Election. | PROFESSIONAL ASSOCIATES. | Address. |
|---|---|---|
| Oct. 1922 | *¶VAUGHAN, WILLIAM REDVERS | 15, Bridge Road, East Molesey, Surrey. |
| Oct. 1913 | *¶VEAL, WILFRED HENRY .. .. | 174, Showell Green Road, Sparkhill, Birmingham. |
| Oct. 1921 | *¶VICKERY, RAYMOND MILTON.. | The Estate Office, Bournville, Birmingham. |
| Oct. 1923 | *¶VILLAR, ARTHUR WILLIAM .. | Tauntfield House, Taunton. |
| Oct. 1911 | *¶VILLAR, PHILIP LOVIBOND.. .. | Tauntfield House, Taunton. |
| Oct. 1901 | *VINCE, CLEMENT HARWOOD .. | Survey Department, Colombo, Ceylon. |
| Oct. 1909 | *VINCE, FREDERIC HAROLD.. .. | 3, Platts Avenue, Watford, Herts. |
| Oct. 1911 | *¶VINT, JAMES HENRY WHITE .. | 111, Valkyrie Road, Westcliff-on-Sea. |
| Oct. 1913 | *VINTER, PAMPLIN MAULDIN .. | 5, High Road, Wood Green, N. (Middlesex). |
| Oct. 1904 | *VOISEY, PERCY DEERING .. .. | c/o E. J. Harris, 12, North Avenue, Polsloe Road, Exeter. |
| Feb. 1913 | *¶WADDELL, GAVIN .. .. .. | 1, Arden Street, Edinburgh. |
| Oct. 1911 | *WADDINGTON, WILLIAM .. .. | 55, Nelson Road, Highams Park, E.4 (Essex). |
| Feb. 1888 | *WADE, HENRY .. .. .. .. | 10, Pitt Street, Barnsley. |
| Nov. 1918 | *WADE, WILLIAM BERTRAM .. | The Hawthorns, Garforth, near Leeds. |
| Oct. 1907 | *WADMAN, ALBERT JOHN .. | P.O. Box 541, Salisbury, Rhodesia. |
| Oct. 1909 | *¶WADSLEY, MICHAEL JAMES .. | 27, Dover Street, Hull. |
| Oct. 1907 | *WADSWORTH, JAMES MOFFATT.. | Ridge Hill, Elliswick Road, Harpenden, Herts. |
| Oct. 1913 | *WAGGETT, CYRIL FREDERICK WILLIAM | Little Fosters, Bramber Road, North Finchley, N.12. |
| Oct. 1920 | *WAITE, GEORGE DAWSON .. | Lacton, Linden Avenue, Darlington. |
| Oct. 1924 | *¶WAKEFORD, REGINALD PERCY | Shere, Raymond Road, Wimbledon. |
| Oct. 1923 | *¶WALCH, WILLIAM .. .. .. | c/o Messrs. Longden & Venables, St. Edward Street, Leek, Staffs. |
| Oct. 1910 | *¶WALKER, CYRIL HERBERT.. .. | 25, Hawthorne Road, Ribbleton, Preston. |
| Oct. 1923 | *¶WALKER, GEORGE NORMAN .. | c/o L.M. & S.Rly., Divisional Land and Estate Office, 5, Euston Grove, N.W.1. |
| Nov. 1918 | *WALKER, IRWIN .. .. .. .. | 19, Myddleton Street, Carlisle. |
| Oct. 1912 | *WALKER, JAMES CHALMERS .. | 16, Panmuir Road, Cottenham Park, S.W. (Surrey). |
| Oct. 1909 | *WALKER, JOHN WILLIS .. .. | Bryn-onen, Castleton Avenue, Garden Village, Treherbert, Glam. |

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|---|---|---|---|
| 9289 | Oct. 1923 | *¶WALKER, RONALD SYDNEY .. | Plas Gwyn, Gerrards Cross. Bucks. |
| 6408 | Oct. 1911 | *WALKER, VINCENT STANLEY .. | The Mart, Albion Place, Leeds, a West Royd, Outwood Lane, Ho forth, Yorks. |
| 7427 | Oct. 1913 | *¶WALKER, WILLIAM ALBERT, A.M.I.C.E. | Asst.-Borough Engineer, Town H Rotherham. |
| 4287 | Oct. 1903 | *¶WALL, IRVING .. .. .. .. | Ivydene, New North Road, Hudde field, Yorkshire. |
| 4556 | Oct. 1904 | *WALLER, BERTRAM HANNEN .. | 17, Above Bar, Southampton. |
| 9290 | Oct. 1923 | *¶WALLER, FREDERICK NAUNTON | 17, Westfield Road, Beckenham, K. |
| 7428 | Oct. 1913 | *¶WALLIS, AUSTIN SERJEANT .. | Town Hall, St. Marylebone, N.W. |
| 9116 | Oct. 1922 | *¶WALLIS, CHARLES HENRY .. | Borough Surveyor's Office, Worthi |
| 8691 | Oct. 1921 | *¶WALLIS, ERNEST DETTMAR .. | Walton House, Grand Avenue, W Worthing. |
| 9429 | Oct. 1924 | *¶WALMSLEY, JOHN .. .. .. | 4, Yew Tree Terrace, Grimsargh, n Preston. |
| 4289 | Oct. 1903 | *¶WALTER, SYDNEY JAMES .. .. | Temple Bar House, 23–28, Fl Street, E.C. |
| 7429 | Oct. 1913 | *¶WALTERS, PERCY THOMAS.. .. | 29, Vernon House, Sicilian Ave W.C.1. |
| 5052 | Oct. 1906 | *¶WALTERS, WILLIAM DAVID .. | 1, Llanfair Road, Penygraig, Glamorg shire. |
| 8409 | Oct. 1911 | *¶WALTHEW, REGINALD BATTERSBY .. .. .. .. | 51, North John Street, Liverpool. |
| 6410 | Oct. 1911 | *¶WARBRICK, GEORGE NEWTON .. | Pool House, Silecroft, Cumberlan |
| 8082 | Oct. 1919 | *WARD, ARMAND DOUGLAS .. | Sundridge, Glebe Avenue, Woodf Green, Essex. |
| 7431 | Oct. 1913 | *¶WARD, CECIL GORDON .. .. | 44, Headland Park, Plymouth. |
| 4085 | Oct. 1902 | *WARD, EDWARD JOHN .. .. | 1, Burgoyne Villas, Alma Rc Plymouth. |
| 9291 | Oct. 1923 | *¶WARD, EDWARD REX .. .. | 7, Fore Street, Okehampton, Dev |
| 7537 | Oct. 1914 | *¶WARD, FRANK, JUN. .. .. .. | Burnville, Tavistock, Devon. |
| 5303 | Oct. 1907 | *¶WARD, JOHN ELDON .. .. .. | 10, Wynsdale Road, Bolton, La |
| 8327 | Oct. 1920 | *¶WARD, LIONEL ERIC .. .. | 21, Surrey Street, Strand, W.C.1. |
| 8328 | Oct. 1920 | *¶WARD, PASCOE LEIGH .. .. | 16, Gandy Street, Exeter. |
| 8692 | Oct. 1921 | *¶WARD, RAYMOND JOHN .. | 25, Uxbridge Road, Hanwell, W (Middlesex). |
| 7960 | Nov. 1918 | *¶WARDER, DONALD .. .. .. | "Cecildene," 3, Seymour Vil Anerley, S.E.20 (Essex). |
| 7432 | Oct. 1913 | *WARDILL, HERBERT ROY .. .. | District Survey Office, Mans Egypt. |
| 6092 | Oct. 1910 | *WARNER, BLAIR MARTIN .. .. | Heatherley, Shedfield, Hants. |
| 6908 | Oct. 1912 | *¶WARREN, JOHN WATKIN .. .. | 11, Sud Park, Marienburg, Colog Germany. |

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|---|---|---|
| Oct 1923 | *¶WARREN, STANLEY ARTHUR .. | Wychwood, Farnham, Surrey. |
| Oct. 1920 | *¶WASS, ARNOLD CROWTHER .. | c/o Divisional R.E.'s Office, Quebec Annexe, 2, Park Place, Leeds. |
| Oct. 1911 | *¶WATERS, ALBERT EDWARD.. .. | 162, Ferndale Road, Clapham, S.W. |
| Oct. 1921 | *¶WATERS, IVOR ARTHUR.. .. | 12, Croftdown Road, N.W.5. |
| Oct. 1922 | *¶WATERS, PHILIP DUNCAN JOSEPH .. .. .. .. .. | Calcote House, Bicton, Shrewsbury. |
| Oct. 1914 | *¶WATKINS, JOHN OLIVER .. .. | 10 & 11, St. Helens Road, Swansea. |
| Oct. 1912 | *WATKINS, ROBERT .. .. .. | 149, Luckwell Road, Bedminster, Bristol. |
| Oct. 1924 | *¶WATNEY, HENRY DANIEL ARTHUR | 4A, Frederick's Place, Old Jewry, E.C.2. |
| Oct. 1913 | *¶WATNEY, RONALD DENDY.. .. | 4A, Frederick's Place, E.C. |
| Oct. 1910 | *WATSON, ALBERT RICHARD .. | 68, Elm Road, New Malden, Surrey. |
| Oct. 1912 | *WATSON, ARTHUR BRIGGS .. .. | 52, College Drive, Rock Ferry, Cheshire. |
| Oct. 1912 | *¶WATSON, CHARLES WILLIAM .. | 39, Clarendon Road, Trowbridge. |
| Oct. 1921 | *¶WATSON, THOMAS .. .. | 34, Pinewood Road, Swansea. |
| Oct. 1919 | *¶WATT, ALEXANDER .. .. .. | 13, Brimmond Place, Balnagash, Aberdeen. |
| Oct. 1901 | *¶WATT, ALEXANDER LINDSAY .. | Estate Office, High Legh, Knutsford, Cheshire. |
| Nov. 1916 | *¶WATT, SYDNEY CHARLES .. .. | 6, Kelross Road, Highbury, N. |
| Oct. 1911 | *WATTS, FRANCIS HENRY .. .. | 32, Shaftesbury Avenue, W.1. |
| Oct. 1903 | *¶WATTS, FREDERICK SPRING .. | 38, Sloane Street, S.W. |
| Oct. 1912 | *¶WATTS, WILLIAM HARRY .. .. | St. John's School House, Durdhams Downs, Bristol. |
| Oct. 1909 | *¶WEAVER, LIONEL HUNTER .. | 43, Cromford Road, Wandsworth, S.W.18. |
| Oct. 1920 | *¶WEBB, HUGH VICTOR CARTHORN | Nannan Estate Office, Dolgelley, N. Wales. |
| Oct. 1912 | *¶WEBB, ROLAND DRURY .. .. | 18, Ombersley Road, Worcester. |
| Oct. 1922 | *¶WEBBER, NORMAN LESLIE .. | 76, North Road, St. Andrews Park, Bristol. |
| Oct. 1908 | *WEDDELL, ROBERT HOUSTON .. | Park Villa, Uddingston, Lanarkshire. |
| Oct. 1898 | *WEEKES, CYRIL SWAFFER.. .. | Estate Offices, Guildford. |
| Oct. 1906 | *¶WEEKS, PERCY BERTRAM .. .. | 32, Hopwood Gardens, Tunbridge Wells. |
| Oct. 1912 | *WEIR, EDWARD .. .. .. .. | Municipal Technical College, Brighton. |
| Oct. 1913 | *WEIR, WILLIAM LOGAN .. .. | Burgh Buildings, Hamilton, Lanarkshire. |
| Oct. 1912 | *¶WELCH, CECIL JOSEPH MARSH .. | The Folly, Dunmow, Essex. |
| Oct. 1913 | *WELLER, CYRIL GORDON RAMSAY | 82, Ruskin Chambers, 191, Corporation Street, Birmingham. |
| Oct 1924 | *¶§WELLER, ERNEST POWELL .. | Lockinge Estate Office, Ardington, Wantage, Berks. |

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|---|---|---|---|
| 8695 | Oct. 1921 | *¶WELLS, LESLIE STUART DEAN | 5, Daventry Avenue, Hoe St Walthamstow, E.17 (Essex). |
| 8331 | Oct. 1920 | *WELLS, REGINALD GEORGE .. | 210, Upper Richmond Road, ney, S.W.15. |
| 4563 | Oct. 1904 | *WEST, HAROLD .. .. .. | Public Works Dept., Hong Kon |
| 7438 | Oct. 1913 | *WEST, PHILIP .. .. .. .. | 104, Brondesbury Road, Kilburn, (Middlesex). |
| 3754 | Oct. 1900 | *WEST, SIDNEY HERBERT .. .. | North House, Portslade, Sussex. |
| 6920 | Oct. 1912 | *¶WEST, SYDNEY HENRY .. .. | 15, The Mall, Ealing, W.5 (Middle |
| 8232 | Oct. 1920 | *¶WEST, TERENCE COLIN .. .. | 39, Mayford Road, Wandswo Common, S.W.12. |
| 6057 | Oct. 1906 | *¶WESTBROOK, BERNARD ANSON.. | Fire Brigade, Head Quarters, Calc |
| 4293 | Oct. 1903 | *¶WESTBROOK, CHARLES EDWARD | Calverley Parade, Tunbridge Well |
| 9293 | Oct. 1923 | *¶WESTMORE, ALFRED FREDERICK | 24, Sturry Street, Poplar, E.14. |
| 941 | Apr. 1883 | WESTON, JOSEPH AURELIUS .. | 80, High Street, Bedford. |
| 9119 | Oct. 1922 | *¶WESTON, JOSEPH GORDON WALKER.. .. .. .. .. | 80, High Street, Bedford. |
| 7962 | Nov. 1918 | *WESTROP, ARTHUR RICHARD, MAJOR, M.C. .. .. .. .. | P.O. Box 137, Colombo, Ceylon. |
| 8696 | Oct. 1921 | *¶WESTROPE, VICTOR RUSSELL | 52, Denbigh Street, S.W.1. |
| 9120 | Oct. 1922 | *¶WESTWOOD, HERBERT .. .. | Oakhurst, Burnham Road, Leigh Sea, Essex. |
| 3755 | Oct. 1900 | *WETENHALL, EDWARD BOX, A.R.I.B.A. .. .. .. .. .. | 38, Parliament Street, S.W.1. |
| 7439 | Oct. 1913 | *WHEELER, ARTHUR CARRUTHERS | P.W.D. Shanghai Municipal Cou Shanghai. |
| 7729 | Oct. 1917 | *¶§WHEELER, JOHN CAFFIN .. | 20, Portland Square, Working Cumberland. |
| 6097 | Oct. 1910 | *WHEELER, LEONARD CHARLES .. | The Rookery, Rowland Castle, Ha |
| 4825 | Oct. 1905 | *WHEELER, PERCY HARRISKINE | "East bourne," Midhurst, Sussex. |
| 8697 | Oct. 1921 | *¶WHEELER, REGINALD HARRY | 78, Oxford Gardens, North Kens ton, W.10. |
| 6098 | Oct. 1910 | *¶WHESKER, JOHN EDWARD.. .. | 20, Grenoble Gardens, Palmers Gr N.13 (Middlesex). |
| 7963 | Nov. 1918 | *¶WHIPP, JOHN ROLAND .. .. | Woodhey, Sylvan Avenue, Br lands, Cheshire. |
| 6119 | Feb. 1911 | * WHITAKER, GEORGE.. .. .. | Engineer's Department, Fylde W Board, Sefton Street, Black Lancashire. |
| 8698 | Oct. 1921 | *¶WHITAKER, STEPHEN EDWARD | 22, Selwood Road, Addiscon Croydon. |
| 9432 | Oct. 1924 | *¶WHITE, EDWARD CHARLES .. | 19, Hamilton Gardens, St. Jo Wood, N.W.8. |
| 5555 | Oct. 1908 | *WHITE, HERBERT PRATT .. .. | Hillbrow, Loose, near Maidstone. |

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|---|---|---|
| Oct. 1923 | *¶WHITE, ROY LESLIE .. .. | 33, Victoria Avenue, Southend-on-Sea, Essex. |
| Oct. 1919 | *¶WHITE, ROYNON HANSFORD .. | 14A, Cavendish Place, Cavendish Square, W. |
| Jan. 1896 | *WHITE, WILLIAM .. .. .. | 137, Pilgrim Street, Newcastle-on-Tyne. |
| Oct. 1912 | *WHITEFIELD, STANLEY PARKIN .. | 94, The Avenue, Ealing, W. (Middlesex). |
| Oct. 1924 | *¶WHITELEY, FRED DRAPER .. | Estates Surveyors' Office, 3, Priory Place, Doncaster. |
| Oct. 1912 | *WHITELEY, ROBERT HENRY .. | Whitwood Hall, Normanton, Yorks. |
| Oct. 1921 | *¶WHITEMAN, OBED ARTHUR JOHN .. .. .. .. .. | 46, Sackville Road, Hove. |
| Feb. 1912 | *WHITNEY, EUSTACE SCOTT .. | 11, Morella Road, Wandsworth Common, S.W. |
| Oct. 1911 | *WHITTINGHAM, ROBERT CECIL, N.D.A. | 2, Zetland Terrace, Norton, Malton, Yorks. |
| Oct. 1920 | *¶WHITTINGTON, HAROLD NORMAN | 173, Lorrimore Road, Kennington Park, S.E.17. |
| Oct. 1913 | *WHITTLE, HENRY .. .. .. | c/o de Trafford Estate Office, 83, Bridge Street, Manchester. |
| Oct. 1902 | *¶WHITTON, HAROLD WILLIAM .. | County Court, County Chambers, Northampton. |
| Oct. 1905 | *¶WICKENDEN, ARTHUR FRED .. | 58, Burbage Road, Herne Hill, S.E.24. |
| Oct. 1905 | *¶WICKENDEN, ERNEST .. .. | City Surveyor's Office, Town Hall, Manchester. |
| Oct. 1910 | *¶WICKER, JOHN OWEN .. .. | 9, Belmont Road, Wallington, Surrey. |
| Oct. 1912 | *¶WIGGINTON, FRANCIS ARTHUR .. | 7, Old Cross, Hertford. |
| Oct. 1923 | *¶WIGGINTON, THOMAS ANDREW | 2, St. Andrew Street, Hertford. |
| Feb. 1897 | *WIGRAM, HENRY JOSEPH .. .. | Whitehouses, Retford, Notts. |
| Oct. 1921 | *WILDMAN, HERBERT ROBINSON | 28, Cromwell Road, N.11. |
| Oct. 1909 | *¶WILKES, GEORGE THOMAS .. .. | 37, Limes Road, Folkestone. |
| Oct. 1903 | *¶WILKES, JOHN FISKE, M.A. (*Cantab.*) .. .. .. .. .. | Elmdon Bury, Saffron Walden, Essex. |
| Oct. 1913 | *¶WILKES, SIDNEY MARSHALL .. | 45, Lady Margaret Road, Southall, Middlesex. |
| Oct. 1921 | *¶WILKIE, JOHN MACDOUGALL .. | 17, Esmond Street, Yorkhill, Glasgow W. |
| Oct. 1922 | *¶WILKINS, CHRISTOPHER .. | The Grove, Longton, near Preston Lancs. |
| Oct. 1911 | *¶WILKINS, HERBERT RANDOLPH .. | Hill View, Pewley Hill, Guildford. |
| Oct. 1913 | *WILKINSON, FRED, A.R.I.B.A. .. | 162, Long Lee, Keighley, Yorks. |
| Oct. 1920 | *¶WILKINSON, HENRY THEODORE | Brentor, Tavistock, Devon. |
| Oct. 1920 | *WILKINSON, JOSEPH PATTERSON | The Elms, Whitefield, near Manchester. |
| Oct. 1921 | *¶WILKINSON, WILLIAM HENRY | Ivy Bank, Swires Road, Halifax. |

| Dip. No. | Date of Election. | PROFESSIONAL ASSOCIATES. | Address. |
|---|---|---|---|
| 7446 | Oct. 1913 | *WILLETT, HUGH .. .. .. .. | 6, Bushmead Avenue, Bedford. |
| 9122 | Oct. 1922 | *¶WILLETTS, JOHN BRADLEY .. | 29, Sandford Road, Moseley, Birmingham. |
| 4830 | Oct. 1905 | *¶WILLIAMS, CHARLES .. .. | 6 and 7, Broad Street, Oxford. |
| 3285 | Oct. 1897 | *¶WILLIAMS, DANIEL SMITH.. .. | 6, Llanedeyrn Road, Penylan Cardiff. |
| 5557 | Oct. 1908 | *WILLIAMS, FRANK MCCLURE .. | La Barn, Dunsfold, Surrey. |
| 7448 | Oct. 1913 | *¶WILLIAMS, HOWARD .. .. .. | 132, Queen Street, Cardiff. |
| 8703 | Oct. 1921 | *¶WILLIAMS, JOHN JOSEPH .. | Llanarth Estate Office, New Mon. |
| 8339 | Oct. 1920 | *¶WILLIAMS, JOHN PRITCHARD | New Courts Chambers, 57–58, C cery Lane, W.C.2. |
| 4568 | Oct. 1904 | *¶WILLIAMS, JOSEPH BERTRAM .. | Bickerstaffe Chambers, 36, Street, St. Helens, Lancashi |
| 7450 | Oct. 1913 | *¶WILLIAMS, MORRIS HUGHES .. | The Estate Office, Tanybwlc Blaenau Festiniog, N. Wales |
| 3444 | Oct. 1898 | *WILLIAMS, PETER LLOYD ARMSTRONG | Map Dept., Land Registry, Linc Inn Fields, W.C.2. |
| 9296 | Oct. 1923 | *¶WILLIAMS, REES JOHN .. .. | 11, Pyrland Road, Richmond, Su |
| 6929 | Oct. 1912 | *¶WILLIAMS, RICHARD JOHN.. .. | 13, North Villas, Camden Square, |
| 6930 | Oct. 1912 | *¶WILLIAMS, TOM LAWRENCE .. | 26, Friars Road, Coventry. |
| 8340 | Oct. 1920 | *¶WILLIAMS, WALTER LLEWELYN | 78, Blakenall Lane, Walsall. |
| 5558 | Oct. 1908 | *WILLIAMS, WILLIAM ALFRED .. | 26, Sydney Buildings, Bath. |
| 6312 | Oct. 1907 | *WILLIAMS, WILLIAM HENRY .. | Wood Dene, Knowle, Brau N. Devon. |
| 5559 | Oct. 1908 | *WILLIAMS, WORTHINGTON ERIC | Guildhall, Nottingham. |
| 9123 | Oct. 1922 | *¶WILLIS, ARTHUR JAMES .. .. | 12, Carteret Street, Westmi S.W.1. |
| 6932 | Oct. 1912 | *¶WILLIS, GEORGE .. .. .. .. | Sandycroft, Flixton Road, Urm Manchester. |
| 6933 | Oct. 1912 | *WILLIS, STANLEY SCOTT .. .. | Land Survey & Mines Dept., D Salaam, Tanganyika Terr E. Africa. |
| 8701 | Oct. 1921 | *¶WILLIS, THOMAS .. .. .. | 22, Hornby Terrace, Morecambe |
| 4831 | Oct. 1905 | *¶WILLMOTT, JAMES PERCEVAL .. | 65, Goldhawk Road, W. |
| 3140 | Oct. 1896 | *¶WILLOUGHBY, CHARLES ALBERT | 22, Chancery Lane, W.C. |
| 4096 | Oct. 1902 | *¶WILLOUGHBY, FRANK .. .. | Maylands, London Road, Hails Sussex. |
| 8705 | Oct. 1921 | *¶WILSHERE, REGINALD SHARMAN, M.C., A.R.I.B.A. | County Architect's Dept., Old C Springfield, Chelmsford. |
| 8706 | Oct. 1921 | *¶WILSON, ALEXANDER JOHN MACKELL .. .. .. .. | 63, Cartvale Road, Langside, Gla |
| 8088 | Oct. 1919 | *¶WILSON, BERTRAM .. .. .. | Windyridge, Tadcaster, Yorks. |
| 4569 | Oct. 1904 | *¶WILSON, GEORGE LEOPOLD .. | c/o Palmer & Turner, Union B ings, No, 4, The Bund, Shang |

| Date of Election. | PROFESSIONAL ASSOCIATES. | Address. |
|---|---|---|
| Oct. 1924 | *¶WILSON, GEORGE MICHAEL TRAVIS .. .. .. .. .. | Holmcroft, Brimfield, Herefordshire. |
| Oct. 1913 | *WILSON, GERALD HERBERT .. | Ellinthorpe Hall, Boroughbridge, Yorkshire. |
| Nov. 1891 | *WILSON, JAMES CALVERT .. .. | Newcastle Estate Office, The Park, Nottingham. |
| Nov. 1892 | *WILSON, JOHN HAYES .. .. | 11, Penfold Street, Camberwell, S.E. |
| Oct. 1911 | *WILSON, MARSHALL LANG.. .. | Estate Office, Ladykirk, Monkton, Ayrshire. |
| Oct. 1913 | *§WINBOURNE, GOODMAN GEORGE, A.R.I.B.A. .. .. .. .. | 108A, Cannon Street, E.C.4. |
| Oct. 1922 | *¶WINCH, CECIL ARTHUR .. .. | Turno End, Cranbrook, Kent. |
| Oct. 1923 | *¶WINDLE, FREDERICK .. .. | c/o W. Windle, Esq., 73, Drakefield Road, Balham, S.W. |
| Feb. 1908 | *WINTLE, ARTHUR.. . .. .. | 39, Park Road, Hampton Hill, Middlesex. |
| Oct. 1913 | *WOMACK, OSWALD CEDRIC.. .. | Public Works Dept., Hong Kong, China. |
| Oct. 1901 | *¶WONNACOTT, HOWARD JOHN .. | 40, Elsie Road, East Dulwich, S.E. |
| Oct. 1909 | *¶WONNACOTT, JAMES PALMER .. | c/o Superintending Valuer, 51, Queen Street, Exeter. |
| Oct. 1920 | *¶WOOD, ARTHUR JOHN, M.A. (*Cantab.*). | 6, Mount Street, Grosvenor Square, W.1. |
| Oct. 1924 | *¶§WOOD, DANIEL MCNIVEN .. | 66, Alexandra Parade, Dennistoun, Glasgow. |
| Oct. 1911 | *WOOD, FRANK HOUSEDEN.. .. | 17, Queens Road. Bromley, Kent. |
| Oct. 1913 | *WOOD, HARRY GEORGE .. .. | 7, Wellington Road, Handsworth, Birmingham. |
| Oct. 1901 | *WOOD, HERBERT CALVERT .. | Chesters Estate Office, Humshaugh-on-Tyne, S.O., Northumberland. |
| Oct. 1911 | *WOOD, JOHN OGDEN .. .. .. | 62, Outwoods Street, Burton-on-Trent. |
| Oct. 1924 | *¶WOOD, NORMAN CHAPMAN .. | Clydeville, Otley, Yorks. |
| Oct. 1919 | *¶WOOD, PERCY JOHN .. .. .. | 103, Florence Road, Stroud Green, N. (Middlesex). |
| Oct. 1923 | *¶WOOD, RAYMOND HERBERT .. | Rose Leigh, Cranston Road, East Grinstead. |
| Oct. 1912 | *WOODBRIDGE, WILLIAM EDWARD, A.M.I.C.E. | 2, Chancellor Road,¶ Southend-on-Sea. |
| Oct. 1913 | *WOODBURN, WILLIAM.. .. .. | Eden Lodge, Stanley Street, Spital, Chesterfield. |
| Oct 1911 | *¶WOODCOCK, WILLIAM.. .. .. | 11, St. Hilda Road, Folkestone, Kent. |
| Oct. 1913 | *WOODMAN, GREENWOOD .. .. | Hooten Cottage, Leigh, Lancs. |
| Oct. 1913 | *WOODROFFE, NORMAN FREDERIC | 5, Bedford Row, W.C.1. |
| Oct. 1911 | *WOODS, HENRY EDWARD ANZANI .. .. .. .. .. | Revenue Chambers, Bradford, Yorks. |

| Dip. No. | Date of Election. | PROFESSIONAL ASSOCIATES. | Address. |
|---|---|---|---|
| 6938 | Oct. 1912 | *Woolcock, William Thomas Harry | H.M. Office of Works. King Ch Street, S.W.1. |
| 6103 | Oct. 1910 | *Wooldridge, Arthur Mainwaring .. .. .. .. .. | 193, Alrington Avenue, Northam |
| 7631 | Oct. 1915 | *¶Woolf, Emanuel .. .. .. | 85, Baker Street, Portman Squ W.1. |
| 9437 | Oct. 1924 | *¶Woollacott, Harry Stanley | 108, Mayes Road, Wood Green, N |
| 7541 | Oct. 1914 | *¶Woolley, John Leyland .. | Rectory Place, Loughborough, Leic shire. |
| 3168 | Feb. 1897 | *Woolnough, Tom .. .. .. | Oakleigh, 182, Chase Side, South N. 14 (Middlesex). |
| 7460 | Oct. 1913 | *Wootten, Charles Stanley .. | Manor Side, Earley Hill Ro Reading. |
| 3142 | Oct. 1896 | *Wordsworth, Christopher .. | Brooklands, South Godstone, Su |
| 5579 | Feb. 1909 | *¶Worland, Henry John .. .. | 26, Onslow Road, Richmond, Su |
| 4834 | Oct. 1905 | *Worley, Frederick Horace .. | Parr's Bank Buildings, George I Woodford, Essex. |
| 4b73 | Oct. 1904 | *Worrall, Bertram .. .. | Rectory Farm House, Steeple A Oxford. |
| 8343 | Oct. 1920 | *¶Worters, Charles Cowley.. | c/o Messrs. Whitfield, Baker & 5B, Pall Mall, S.W.1. |
| 6120 | Feb. 1911 | *¶Worth, George Pearce.. .. | The Homestead, Windmill Rc Ealing, W. (Middlesex). |
| 9438 | Oct. 1924 | *¶Wright, Albert .. .. .. | 101, Earlham Road, Norwich. |
| 2883 | Oct. 1897 | *Wright, Ernest Beresford FitzHerbert .. .. .. .. | |
| 7543 | Oct. 1914 | *¶Wright, George Thomas .. | c/o Fen, Wright & Co., High St Colchester. |
| 6941 | Oct. 1912 | *¶Wright, James Alexander .. | "Melbury," Grange Road, Bu Herts. |
| 8344 | Oct. 1920 | *Wright, John .. .. .. | 11, Heworth Green, York. |
| 8708 | Oct. 1921 | *Wright, John .. .. .. | Brunswick House, Brunswick Sq Penrith. |
| 2725 | Oct. 1894 | *Wright, Philip Chetwood .. | Brattleby Hall, near Lincoln. |
| 9299 | Oct. 1923 | *¶Wrixon, Albert George .. | 41, Richmond Park Road, East S S.W.14 (Surrey). |
| 7463 | Oct. 1913 | *Wyllie, William Alexander | 59, Academy Street, Inverness |
| 7635 | Oct. 1915 | *¶Wynne, Thomas Stanley .. | Black Rock, Mount Street, Sh bury. |
| 8541 | Oct. 1921 | *¶‡Wynne-Jones, Eric .. .. | c/o Messrs. Knight, Frank & R 20, Hanover Square, W.1. |

‡ Special Forestry Diploma.

| Date of Election. | PROFESSIONAL ASSOCIATES. | Address. |
|---|---|---|
| Oct. 1913 | *YARNALL, CHARLES WILLIAM .. | 73, Irving Road, W. Southbourne, Bournemouth. |
| Oct. 1921 | *¶YATES, FREDERICK GEORGE .. | c/o Messrs. Soar & Soar, 7 & 8, Poultry, E.C.2. |
| Oct. 1911 | *¶YATES, HAROLD .. .. .. .. | 50, Lynwood Road, Blackburn. |
| Oct. 1919 | *¶YATES, JOHN .. .. .. .. | Osterley, Mowbray Road, Chatswood, Sydney, N.S.W. |
| Feb. 1913 | *YATES, WILFRID ARCHIBALD .. | 43, Great Marlborough Street, W.1. |
| Oct. 1911 | *YEO, WILLIAM HENRY .. .. | Caegarw, Court Colman, Bridgend, Glamorganshire. |
| Oct. 1899 | *¶YEWDALL, FRANCIS EDWARD .. | Borough Surveyor's Office, Town Hall, Richmond. |
| Oct. 1921 | *¶YORK, ROBERT JOHN .. .. | 7, Morley Road, Lewisham, S.E.13. |
| Oct. 1910 | *¶YORK, WILLIAM HENRY, CAPT., R.E., A.M.I.C.E. .. .. .. | Clarendon, New Barnet, Herts. |
| Oct. 1906 | *YORKE, MAURICE FRANCIS .. | 20, Davies Street, Berkeley Square, W.1. |
| Oct. 1924 | *¶YORSTON, JAMES HAROLD .. | The Cottage, Lawnhurst, Didsbury, Manchester. |
| Feb. 1910 | *YOUNG, DAVID FERNÉE .. .. | East Street, Barking, Essex. |
| Oct. 1913 | *¶YOUNG, DAVID WILBERFORCE, M.B.E. .. .. .. .. .. | Raven Chambers, Shrewsbury. |
| Oct. 1923 | *¶YOUNG, GEORGE HENRY .. | Rodway Hill House, Mangotsfield, Glos. |
| Oct. 1907 | *YOUNG, JAMES WEIR.. .. .. | Estate Office, Bishop Burton, Beverley, Yorkshire. |
| Oct. 1923 | *¶YOUNG, M. R. CARUTH .. .. | Leonie, Eastbury Avenue, Northwood, Middlesex. |
| Oct. 1895 | *YOUNG, WILLIAM .. .. .. | 4, St. Peter's Street, St. Albans, Hertfordshire. |
| Oct. 1921 | *¶YOUNG, WILLIAM FREDERICK | Lenbury, Eastwood Road, Leigh-on-Sea (Essex). |
| Oct. 1922 | *¶YOUNG, WILLIAM RAYMUND .. | Str. Anastase Pann No. 6, Ploesti, Roumania. |
| Oct. 1906 | *§YOUNG, WILLIAM ROSS .. .. | Scottish Board of Health, Edinburgh. |
| Oct. 1911 | *¶YOUNGS, SIDNEY.. .. .. .. | Granville House, Arundel Street, Strand, W.C.2. |

Total Number of Professional Associates, 2,693, carried to Summary, page 237.

## Associates.

| Date of Election or Transfer. | ASSOCIATES. | Address. |
|---|---|---|
| Oct. 1899 | BARRY, CHARLES EDWARD .. | Parliament Mansions, Victoria Str Westminster, S.W. |
| Oct. 1907 | BIDDER, HAROLD FRANCIS, MAJOR, D.S.O., B.A. .. .. | Ravensbury Manor, Mitcham, Surr |
| Oct. 1913 | BOYLE, SIR EDWARD, BART. .. | 1, King's Bench Walk, Temple, E.C |
| Feb. 1884 | BUND, JOHN W. WILLIS, C.B.E. | Shire Hall, Worcester. |
| Feb. 1908 | CARDALE, WILLIAM HENRY .. | 17, Tower Royal, Cannon Street, E |
| Oct. 1920 | CARR, ARTHUR STRETTELL COMYNS, K.C. .. .. .. | 1, Temple Gardens, E.C.4. |
| P.A. Oct. 1906<br>A. Oct. 1923 | CHART, STEPHEN .. .. .. | Greenview, Mitcham, Surrey. |
| Oct. 1917 | COURTHOPE, GEORGE LLOYD, LIEUT.-COLONEL, M.C., M.P. | House of Commons, S.W. |
| Feb. 1900 | COURTHOPE-MUNROE, SIR HARRY, K.C., M.A. (*Cantab.*) (*Associate of Council.*) | 3, Harcourt Buildings, Temple, E and The Manor House, Kelsale, Saxmundham, Suffolk. |
| P.A. Oct. 1897<br>F. May 1899<br>A. Dec. 1921 | CRESWELL, WILLIAM THOMAS, CAPT, LIC.R.I.B.A. | 3, Temple Gardens, E.C.4, and C shalton, Surrey. |
| P.A. Jan. 1889<br>F. June 1904<br>A. Feb. 1913 | CROUCH, JAMES LEONARD .. | 1, Brick Court, Temple, E.C. |
| Feb. 1910 | DIBDIN, LEWIS GEORGE .. .. | Ecclesiastical Commission, 1, bank, S.W.1. |
| P.A. Oct. 1912<br>A. Dec. 1921 | DOCKING, CARLTON WILLIAM | Roslyn, Barclay Road, Croydon |
| Oct. 1898 | DOWNIE, ALEX. FRANCIS MACKENZIE .. .. .. .. .. | Alton, Hants. |

| Date of election or transfer. | ASSOCIATES. | Address. |
|---|---|---|
| Feb. 1878 | FREEMAN, GEO. MALLOWS, K.C. (*Associate of Council*) .. .. | The Grey Friars, Winchelsea, Sussex. |
| Feb. 1899 | GRAHAM, WILLIAM VAUX, M.I.C.E. | 5, Queen Anne's Gate, S.W. |
| Oct. 1903<br>Jan. 1918 | GRIERSON, JOHN CAMPBELL .. | Caperby, Mount Wood, Prenton Hill, Cheshire. |
| Feb. 1909 | GWYER, MAURICE LENFORD, C.B. | Ministry of Health, S.W.1. |
| Oct. 1917<br>Mar. 1920 | HAMER, HERBERT, MAJOR, R.E. | Northern Counties Club, Whitehall Court, S.W.1. |
| Oct. 1921<br>Oct. 1923 | HEDGES, ALFRED VICTOR .. | 29, Prestwich Street, Burnley. |
| Oct. 1897 | ‖ HILL, JOHN SMITH, B.A., B.SC. (*Lond.*) | Estate Office, Greystoke, Penrith, Cumberland. |
| Oct. 1919 | HILLS, EUSTACE GILBERT, K.C... | 2, Garden Court, Temple, E.C. |
| Jan. 1887 | HUDSON, ALFRED ARTHUR, K.C... | 5, Paper Buildings, Temple, E.C. |
| Feb. 1905 | JEEVES, WILLIAM JOHN, C.B.E., K.C. .. .. .. .. | Farrar's Building, Temple, E.C. |
| [Oct. 1919 | MACASSEY, SIR LYNDEN LIVINGSTONE, K.B.E., K.C. .. .. .. | 3, Paper Buildings, Temple, E.C. |
| Oct. 1920<br>Dec. 1922 | MACQUEEN, MONTAGUE MORDAUNT .. .. .. .. | 9, Kirkwood Street, Ibrox, Glasgow. |
| Oct. 1912 | MEAD, LAWRENCE .. .. .. | 5, Paper Buildings, Temple, E.C. |
| Mar. 1888<br>Jan. 1891<br>Feb. 1906 | MOULD, GRAHAM HARLEY.. .. | 6, Pump Court, Temple, E.C. |

‖ Sessional Papers Gold Medal.

| Date of Election or Transfer. | ASSOCIATES. | Address. |
|---|---|---|
| P.A. Oct. 1898<br>F. Sept. 1904<br>A. Dec. 1922 | ORWIN, CHARLES STEWART, HON., M.A. (*Oxon*). | School of Rural Economy, Pa Road, Oxford. |
| Feb. 1889 | SETH-SMITH, ARCHIBALD .. .. | Silvermere, Cobham, Surrey. |
| Oct. 1920 | SMITH, DOUGLAS BEVINGTON .. | Wickham Hall, Witham, Essex. |
| Jan. 1896 | SOMERVILLE, WILLIAM, M.A., D.SC. | 121, Banbury Road, Oxford. |
| Oct. 1920 | THOMPSON, LEO ANTHONY .. | Ministry of Agriculture, 55, Cathe Street, Salisbury. |
| P.A. Oct. 1901<br>Feb. 1909 | THORNE, RICHARD SQUIRE, B.A. (*Cantab.*) | |
| Oct. 1924 | THRELFALL, HARRY .. .. | College of Technology, Manchest |
| No 9 8 | TURNER, SYDNEY GEORGE, O.B.E., A.M.I.C.E. .. .. .. | 3, Harcourt Buildings, Temple, E.C |
| Oct. 1913<br>A. Oct. 1920 | WATSON, WILLIAM ERNEST .. | 6, Gray's Inn Place, Gray's Inn, W and 1, Brick Court, Temple, E. |
| Oct. 1923 | WHELDON, ROBERT WILLIAM .. | Agricultural Dept., Armstrong Col Newcastle-on-Tyne. |
| P.A. Jan. 1887<br>A. Dec. 1917 | WOOLNOUGH, JOHN WILLIAM .. | 30, Seaside Road, Eastbourne, Su |
| P.A. Oct. 1906<br>F. June 1911<br>A. Oct. 1922 | YEATMAN-BIGGS, WILLIAM HUYSHE | The Estate Office, Codford, S Wilts. |

Total Number of Associates, 40, carried to Summary, page 237.

# Probationers.

The names of Probationers who have passed the Intermediate Examination are distinguished thus *.

| Date of Election. | PROBATIONERS. | Address. |
|---|---|---|
| 1922 | *Abbey, John Barwick .. .. | The Mount, Gilesgate, Durham. |
| 1923 | *Ackland, Horace Albert .. | 34, Linton Street, N.1. |
| 1921 | Adams, Alfred Charles .. | 22, Midland Street, Huddersfield. |
| 1923 | *Adams, James Whirter Renwick | c/o C. Peters, Esq., Overlyn, Esmond Avenue, Vancouver Heights, Vancouver, B.C., Canada. |
| 1924 | Allen, Basil Stephen .. .. | Brockhurst, Chesham Bois, Bucks. |
| 1924 | *Arnold, Algernon Frederic | Jesselton, Unthank Road, Norwich. |
| 1923 | *Arundel, Hugh Rivers .. .. | Field House, Bishopswood Road, Highgate, N.6. |
| 1924 | *Ashton, George Venning .. | Lower Alsworthy, Bradworthy, Devon. |
| 1923 | *Austen, Reginald .. .. .. | Ouyen, Nightingale Road, Rickmansworth, Herts. |
| 1923 | *Ayliffe, Reginald William .. | 129, Beedell Avenue, Westcliff-on-Sea. |
| 1924 | *Bacon, Sidney George .. .. | 13, Alderley Avenue, Claughton, Birkenhead, Cheshire. |
| 1924 | *Baker, Edward Joseph .. | 56, Bushwood Road, Kew Gardens, Surrey. |
| 1923 | *Balch, William Morton.. .. | Wickham Bishops, Essex. |
| 1922 | Ball, Eric Beckford .. .. | Fernleigh, Ditton, near Maidstone. |
| 1924 | *Ball, Geoffrey Walter .. | Hazelbeech, The Drive, Rickmansworth, Herts. |
| 1923 | Barnett, Harold Samson .. | 47, Howitt Road, Hampstead, N.W.3. |
| 1924 | *Barrell, George Freeman .. | 11, Avenue Road, Grantham, Lincs. |
| 1924 | Batchelor, Frank William .. | 40, Eagle Road, Wembley, Middlesex. |
| 1924 | *Baucher, Reginald Herbert | Woodview, The Warren, Radlett, Herts. |
| 1924 | *Bebb, Archibald Gilfillan .. | 52c, Orrell Lane, Aintree, Liverpool. |
| 1924 | *Benson, Alfred .. .. .. | Firwood, Disley, Cheshire. |
| 1924 | *Berry, Alleyne William Steward .. .. .. .. | Townsend House, St. Albans. |
| 1924 | Bettesworth, Sidney Albert | 53, Hindes Road, Harrow, Middlesex. |
| 1924 | *Bevan, Rees Harold .. .. | 14, Griffiths Terrace, Sketty, Swansea. |
| 1922 | *Bignell, Arthur Robert .. | 89, Pall Mall, S.W.1. |

| Date of Election. | PROBATIONERS. | Address. |
|---|---|---|
| 1922 | *Birkhead, Frank Radcliffe.. | Surveyor's Dept., Council Offices, Goole, Yorks. |
| 1922 | *Birmingham, Charles Roy .. | 85, Guildhall Street, Bury St. Edmund |
| 1923 | *Biscoe, Ronald George .. | 3, Greenhill Road, Harrow. |
| 1923 | *Black, Cyril Wilson .. .. | North Lodge, Westleigh Avenue, S.W.15. |
| 1924 | *Blackall, Claude Trelawny | 35, Fields Road, Newport, Mon. |
| 1924 | *Blackwell, Cyril St. Clair | Fernhead, Thicket Road, Sutton, Surre |
| 1924 | *Blake, Geoffrey Dale .. .. | 116, Streathbourne Road, S.W.17. |
| 1923 | *Boorman, Reginald William .. | 9, Crouch Villas, Cedar Road, East Croydon, Surrey. |
| 1924 | *Bostock, Ernest .. .. .. | 133, Kingston Road, Teddington, Middlesex. |
| 1922 | *Boucher, Gerald .. .. .. | Council Offices, West Street, Hava Hants. |
| 1923 | *Bowl, George James Eric .. | Beech House, Kings Stanley, Glos. |
| 1922 | *Bownas, William .. .. .. | 16, Nelson Road, Victoria Aven Blackley, Manchester. |
| 1924 | *Boyd, Alexander Miller .. | 100, Cardross Street, Dennistoun Glasgow. |
| 1923 | Bracker, Stanley Ewart .. | Ulmus, Lyell Road, Upper Parksto Dorset. |
| 1921 | *Bridgford, James Alan .. | Dornden, Disbury Park, Manchester |
| 1924 | *Bridle, Frederick Charles | c/o Public Works Dept., South Rhodesian Government, Salisbu Rhodesia. |
| 1922 | *Bright, Eric Stewart .. .. | 188, Wimbledon Park Road, South fields, S.W.18. |
| 1924 | *Briselden, Frank George Ambrose .. .. .. .. .. | 24, Bromley Road, Catford, S.E.6. |
| 1923 | *Brown, John Victor Raeburn | Dundas Lodge, Kerse, by Falkirk. |
| 1924 | *Buckley, John George Ernest | St. Andrew's, Kimberley Road, Leicester. |
| 1924 | *Burkmar, Glen .. .. .. .. | Town Hall, Camberwell, S.E.5. |
| 1923 | *Burrell, Joseph Alexander.. | The Grange, Harlesden Road, N.W.1 (Middlesex). |
| 1924 | *Cadwallader, Charles Edward | 9K, Cornwall Mansions, Regent's Pa N.W.1. |
| 1923 | *Campbell, James Fisher.. .. | 110, Onslow Drive, Dennistoun, Glasgow. |

| Date of election. | PROBATIONERS. | Address. |
|---|---|---|
| 1924 | *Cattermole, Eric Charles .. | Hazelwick, Balcombe Road, Cuckfield, Sussex. |
| 1924 | *Chamberlain, Stanley James | 53, New Road, Littlehampton, Sussex. |
| 1924 | *Chaplin, George Frederick | Sidthorpe, Beach Road, Clacton-on-Sea, Essex. |
| 1923 | *Chapman, Herbert Arthur .. | 34, Chestnut Road, Kingston-on-Thames. |
| 1923 | Charlton, Noel .. .. .. | 172, Sheen Road, Richmond. |
| 1923 | *Cheney, William Stanley .. | 189, Upper Street, N.1. |
| 1921 | *Chibbett, Henry James .. .. | Long Street, Williton, Somerset. |
| 1924 | *Chubb, Frederick Walter .. | 31, Noel Road, Acton, W.3. |
| 1924 | *Clark, John .. .. .. .. | Ashcroft, Haltwhistle, Northumberland. |
| 1924 | *Clarke, Alfred John .. .. | 78, Hanley Road, Stroud Green, N.4. |
| 1922 | *Clarke, Charles William .. | Greenfield House, Hales Lane, Smethwick, Staffs. |
| 1924 | Clarke, Cyril Alexander .. | 9, Victoria Terrace, Kingsway, Hove. |
| 1924 | *Clarke, George Stirk .. .. | 90, Kirkgate, Wakefield. |
| 1922 | *Clarke, Harold Bertram .. | St. Martins, Garland Road, Poole, Dorset. |
| 1924 | *Clarkson, Edward Victor .. | 10, Staplehall Road, Northfield, Birmingham. |
| 1923 | *Clements, Russell Matthew | 14, Roseberry Crescent, Jesmond, Newcastle-on-Tyne. |
| 1923 | *Cobb, Richard Martin .. .. | Mockbeggar, Rochester, Kent. |
| 1922 | Cole, George Charles .. .. | Brandwood, Broadbridge Heath, Horsham. |
| 1923 | *Cole, William Edward .. .. | Dyrham, Staple Hill, Bristol. |
| 1924 | *Coleman, Frank Oswald .. | Ellel Vicarage, near Lancaster. |
| 1923 | *Collins, Geoffrey Havelock | The Gables, Berkhamsted, Herts. |
| 1924 | *Collins, Redvers Frank .. | 50, Kingscote Road, Edgbaston, Birmingham. |
| 1922 | *Cook, Harold .. .. .. .. | Surveyor's Office, Town Hall, Leek, Staffs. |
| 1924 | *Cook, Hubert Thomas .. .. | "Somtsue," Crescent Road, S. Benfleet, Essex. |
| 1923 | *Cooper, Walter Dewhurst .. | 23, Hartington Street, Barrow-in-Furness. |
| 1922 | Corkill, Cecil Starling .. | 13, Church Street, Douglas, Isle of Man. |
| 1924 | *Cornelius, Bernard James .. | Town Hall Chambers, Horsham, Sussex. |
| 1924 | *Cornish, Joseph William .. | 181, Brownhill Road, Catford, S.E.6. |
| 1923 | *Coster, Albert Ernest .. .. | c/o Messrs. E. Millard & Co., 10, Union Court, Old Broad St., E.C.2. |
| 1923 | *Cosway, Hewett Linton Gilliam .. .. .. .. .. | 253, West End Lane, N.W.6. |

| Date of Election. | PROBATIONERS. | Address. |
|---|---|---|
| 1924 | *Couzens, Cecil Clarke .. .. | 37c, Maida Vale, W.9. |
| 1924 | Cowan, Gilbert .. .. .. | 7, Sea View Gardens, Sunderland. |
| 1923 | *Crichton, George Callum .. | 5, Claremont Place, Crieff Road, Per |
| 1924 | *Cripps, Russell Merton .. | 68, St. James's Avenue, Beckenha Kent. |
| 1922 | *Cross, Francis William Barham .. .. .. .. .. | 77, King Street, Manchester. |
| 1923 | Curtis, Claude James .. .. | c/o Surveyor's Office, Town Hall Ilkley, Yorks. |
| 1924 | *Dale, Geoffrey Montagu Cuthbert .. .. .. | 66, Bristol Road, Birmingham. |
| 1924 | Dale, Kenneth Kirkham .. | 21, Bessborough Road, Harrow Middlesex. |
| 1923 | *Damen, Hubert Edward .. | Westward Ho., Dudsbury Avenue Ferndown, Dorset. |
| 1923 | *Dancy, Eric .. .. .. .. | 153, Dyke Road, Brighton. |
| 1923 | *Dangerfield, Henry Charles | Southern Rly., Estates Office (Weste Division), Victoria Station, S.W. |
| 1923 | *David, Humphrey Edmund .. | 4, Park Place, Cardiff. |
| 1924 | *Davidson, Murray Officer .. | Barcraig, Bridge of Weir. |
| 1923 | *Davies, Francis Kaberry .. | Bonds Cay, Radlett, Herts. |
| 1923 | *Davies, Harold Norton .. .. | 38, Gwladys Street, Caeracca, Pant Dowlais, Glam. |
| 1924 | *Davies, Leslie Francis .. | Frenchay Lodge, Frenchay, Bristol |
| 1924 | *Davies, Wilfred Vaughan .. | 83, Fairfax Road, Teddington, Middlesex. |
| 1924 | *Davis, Cyril Percy .. .. | Southcot, Victoria Road, Mill H N.W.7. |
| 1924 | *Dawes, Ernest George .. .. | 55, St. John's Road, Tunbridge We Kent. |
| 1924 | *Debney, Frederick William Dugdale .. .. .. .. | 5, Percy Road, Bexley Heath, Kent |
| 1923 | *Denne, Stanley Vincent .. | Queen Street, Deal. |
| 1923 | *Dent, Norman .. .. .. .. | c/o J. Wetherell, 47, Frenchgate Richmond, Yorks. |
| 1924 | Denton, Reginald Moore .. | 46, North Road, Hythe, Kent. |
| 1924 | *Desborough, Douglas Philadelphia .. .. .. .. .. | 377, London Road South, Lowestof |
| 1924 | *Desch, Harold Ernest .. .. | Park Side, Church Lane, Tottenh N.17. |
| 1923 | *de Silva, Walter Raymond .. | c/o Messrs. Parsons, Son & Basley 147, North Street, Brighton. |
| 1924 | *de St. Croix, Godfrey John Nicholas | Medhurst, Crockham Hill, Edenbri Kent. |

| Date of Election. | PROBATIONERS. | Address. |
|---|---|---|
| 1923 | De Ville, Martin Ingram .. | Ardlui, Fairdene Road, Coulsdon, Surrey. |
| 1924 | *Dewick, Edward Charles .. | Dunsford, Headstone Lane (Parkfield), Middlesex. |
| 1924 | *Dicks, Arthur Evelyn .. | 15, Waverley Road, Bournemouth, Hants. |
| 1923 | *Dignasse, David Rex .. .. | 57, Woodbourne Avenue, S.W.16. |
| 1923 | *Dixon, Gerald William .. .. | Pitlochrie, St. Albans. |
| 1924 | Dowe, John Francis .. .. | 9, Rosemount, Wallington, Surrey. |
| 1922 | *Dowling, Richard Brabazon .. | Chasefield, Hadley Wood, Herts. |
| 1924 | *Dowse, Robert Esmonde .. | The Vicarage, Wayford, Suffolk. |
| 1922 | *Draper, Louis Henry .. .. | 148, Manchester Road, Rochdale. |
| 1924 | Dulake, Thomas Sowerby .. | Crown Hotel, Lewes. |
| 1923 | *Dunphy, Lawrence Herbert .. | 10, Barlow Road, Acton, W.3 (Middlesex). |
| 1923 | *Dyer, Harry William James .. | 44, Victoria Road North, Southsea. |
| 1924 | *Eaton, Edmund John Beck .. | The Highlands, St. Leonards-on-Sea. |
| 1924 | *Eaton, Harry .. .. .. .. | 8, Booth Avenue, Withington, Manchester. |
| 1922 | *Eaton, Leslie .. .. .. .. | Chalet, Dyserth, Flintshire, North Wales. |
| 1924 | *Edge, Thomas William Jenkinson | Ashleigh, Elmfield Park, Gosforth, Northumberland. |
| 1924 | *Edwards, Charles Owen .. | Great Brington, Northampton. |
| 1923 | *Edwards, George .. .. .. | 10, Courtland Terrace, Merthyr Tydfil. |
| 1923 | *Edwards, Percy Clifford .. | 15, Temple Street, Basford, Stoke-on-Trent. |
| 1924 | Ellis, Harry Whittaker .. | District Estate Office, L.M. & S. Rly., Eaton Street, Crewe. |
| 1923 | *Ellis, Horace George Vernon | c/o C. N. Stanford & Son, 23, High Street, Colchester. |
| 1923 | *Ellis, Leonard Percival Snow | The Barton, Dunchidcock, nr. Exeter. |
| 1924 | *England, Norman Eric .. | c/o 170, Castleford Road, Normanton, Yorks. |
| 1923 | *Erle-Drax, John Charles William .. .. .. .. .. | Bilting House, Wye, Kent. |
| 1924 | *Evans, Alfred George .. .. | 520, Portland Road, Hove, Sussex. |
| 1924 | *Evans, Wilfrid .. .. .. | 5, Beverley Gardens, Golders Green, N.W.11. |

| Date of Election. | PROBATIONERS. | Address. |
|---|---|---|
| 1924 | *Eve, Anthony Denys .. .. | Weylea, London Road, Guildford. |
| 1924 | *Everett, Leslie Wakefield .. | 17, Blenheim Road, Westbury P[ark], Bristol. |
| 1924 | *Fairbairn, Donald Grey .. | 19, College Street, Petersfield, Ha[nts] |
| 1922 | *Fairer, Thomas Joseph .. .. | 24, Dorking Road, Epsom. |
| 1924 | Farager, Gordon Shone .. | 129, Whetstone Lane, Birkenh[ead], Lancs. |
| 1923 | *Fatt, Maurice Selwyn .. .. | The Laurels, Milton, nr. Northam[pton]. |
| 1924 | *Fellowes, William Albemarle | Rangers Lodge, Charlbury, Oxon. |
| 1924 | Fenton-Jones, Charles Langford | Fairholme, Wiltie Gardens, Folke[stone]. |
| 1923 | *Fisher, John James .. .. .. | 77, Cecil Street, Hull, Yorks. |
| 1923 | *Fisk, Arthur Harold .. .. | Halscote, Silverdale Road, Bushe[y], Herts. |
| 1923 | *Fitton, John Herald .. .. | Oakacre, Wash Lane, Timperle[y], Cheshire. |
| 1924 | *Flower, Cyril .. .. .. .. | 37, Wellesbourne Grove, Stratford[-on-] Avon. |
| 1922 | *Foden, Arthur Fergusson .. | 34, Parkbridge Road, Prenton, Bir[k]head, Cheshire. |
| 1924 | Fookes, Henry Frederick Robert .. .. .. .. .. | Milton Abbas, Blandford, Dorset. |
| 1923 | Fordham, Christopher Maddox | 40, Well Walk, Hampstead, N.W.3. |
| 1924 | Forward, Maurice Howard .. | 3, Rupert Road, Nether Edg[e], Sheffield. |
| 1923 | *Foster, Herbert Edward .. | 31, Ripon Street, Lincoln. |
| 1923 | *Foster, Kenneth Edward .. | 31, North Villas, Camden Squa[re], N.W.1. |
| 1924 | *Fox, Ernest Stoddard .. .. | Woodbridge, The Avenue, Branksom[e] Park, Bournemouth. |
| 1924 | Frampton, Leonard Arthur | 84, Cambridge Road, Seven King[s], Essex. |
| 1924 | *Fraser, George Burton .. | Iona, Southcote Road, Reading. |
| 1922 | French, Arthur Geoffrey .. | 7 Lyttelton Road, Edgbaston, [Birm]ingham. |
| 1922 | *Galsworthy, Peter, Capt. .. | 26, Dover Street, Piccadilly, W.1. |
| 1923 | *Garrard, Norman Arthur .. | 37, Palace Gardens Terrace, W.8. |
| 1924 | *Garrett, Alan Young .. .. | South Lodge, Chipstead, Surrey. |
| 1924 | Gatensbury, Charles Edward | Raven Chambers, Castle Street, Shrewsbury. |

| Date of election. | PROBATIONERS. | Address. |
|---|---|---|
| 1924 | *Gates, John Sugden .. .. | 14, West Street, Havant, Hants. |
| 1924 | *Gaze, William Benjamin Aston .. .. .. .. .. | Crown Street, Diss, Norfolk. |
| 1922 | Gee, Edward Rowland .. .. | Geological Survey of India, 27, Chowringhee, Calcutta, India. |
| 1923 | German, Guy Johnson .. .. | Rawdon Terrace, Ashby-de-la-Zouch. |
| 1924 | *Gibbon, Robert Withers Jacomb .. .. .. .. .. | Wootton Heath, New Milton, Hants. |
| 1924 | *Gilbert, Cecil James .. .. | Ingram House, Friar Terrace, Hartlepool. |
| 1923 | *Gillis, James .. .. .. .. | 246, Ashmore Road, Maida Hill, W.9. |
| 1924 | *Golding, Cecil Arthur .. .. | 72, Preston Road, Brighton, Sussex. |
| 1923 | Gooch, Edward George .. .. | 58, Market Place, Richmond, Yorks. |
| 1923 | *Graddon, Reuben Harold .. | 71, Virginia Street, Southport, Lancs. |
| 1923 | Green, Arthur Ernest Hamilton | 89, Bouverie Road, Stoke Newington, N.16. |
| 1923 | *Griffett, William Arthur .. | 67, St. Anns Road, Stamford Hill, N. |
| 1924 | *Griffiths, Arthur .. .. .. | 2, The Triangle, Hampton, Middlesex. |
| 1923 | *Grisdale, George .. .. .. | 9, Rowena Street, Great Lever, Bolton. |
| 1924 | *Grover, Arthur Leslie .. | Brockenhurst, Woodham Road, Horsell, Woking. |
| 1923 | *Grover, Herbert Clifford .. | 62, The Mall, Southgate. N.14 (Middlesex). |
| 1923 | *Grundy, George Alwyn .. | Orchard Dene, Rainhill, Lancs. |
| 1922 | *Hadfield, Charles Norman .. | 173, Rosebery Avenue, E.C.1. |
| 1924 | *Hagen, Lawrence Arthur .. | 18, Palace Court, Hyde Park, W.2. |
| 1922 | Hall, Percy .. .. .. .. | Croxdale View, Station Avenue, Brandon Colliery, Co. Durham. |
| 1924 | *Handover, Frederick William .. .. .. .. | 16, Newburgh Road, Acton, W.3. |
| 1924 | *Hankinson, Robert James .. | Little Barrs, St. Valene Road, Bournemouth. |
| 1924 | *Harding, Reginald Patrick Longhurst .. .. .. .. | 38, St. Peter's Street, St. Albans, Herts. |
| 1924 | *Harding, Richard Lancelot .. | Charford Manor, Downton, Wilts. |
| 1924 | *Harley, Harry Vincent Maldon | 112, Campden Hill Road, Kensington, W.8. |
| 1924 | *Harris, Joseph Frank .. .. | Woodlands, Collingham, near Leeds. |
| 1924 | *Harrison, Alfred James .. | Yew Trees, Newtown Linford, Leicester. |
| 1923 | *Hartley, Albert .. .. .. | 200, Honeywell Lane, Oldham, Lancs. |
| 1922 | *Hartshorne, Cyril Ernest .. | 26, Shrewsbury Road, Southgate, N.11 (Middlesex). |

| Date of Election. | PROBATIONERS. | Address. |
|---|---|---|
| 1923 | *Harverson, Cecil .. .. .. | 119, Whyteville Road, Forest Gate, E.7 (Essex). |
| 1924 | *Hawker, Albert .. .. .. | 22, Congreve Street, Old Kent Roa S.E.17. |
| 1923 | *Hawkins, George Wilfrid .. | 7A, Fieldhouse Road, Balham, S.W.12 |
| 1923 | *Hawkins, William Victor .. | 34, Agate Road, Hammersmith, W.6. |
| 1922 | *Hayne, George Frederick .. | St. Audries, nr. Taunton, Somerset. |
| 1924 | Hayne, Herbert Denis .. .. | Agra House, Rothsay Place, Bedford |
| 1923 | Heal, Clifford Henry .. .. | 62, Fore Street, Totnes, Devon. |
| 1923 | *Hemens, Arthur Edmund .. | 13, Thornton Avenue, Chiswick, W.4 (Middlesex). |
| 1924 | Henderson, George William | Greenhill, Winscombe, Somerset. |
| 1922 | *Henshaw, Robert Rushton .. | 42, Milsom Street, Bath. |
| 1923 | *Hepper, Alan Bedford .. .. | Woodcote, Wood Lane, Headingley Leeds. |
| 1924 | *Heuser, Frederick George Henry .. .. .. .. .. | North Hyde Lodge, Southall, Middles |
| 1924 | *Heys, Arthur James Graham | 17, Eynella Road, East Dulwic S.E.22. |
| 1923 | *Heywood, Geoffrey Henry .. | Christleton Lodge, Chester. |
| 1922 | Hill, Eric Cuthbertson .. | 24, Ambleside Avenue, Streatha S.W.16. |
| 1923 | Hill, Leslie Charles .. . | 28, Farrer Street, Kempston, Beds |
| 1923 | *Hill, Robert William Lewis | 197, Melfort Road, Thornton Heath, Surrey. |
| 1924 | *Hing, Oscar Lionel Manson .. | 3, Churchfield Road, West Acton. |
| 1924 | Hobbs, Leslie Armour .. .. | Sistrokeel, Julian Road, Folkestone |
| 1923 | *Hoddy, Albert Arthur Victor | 101, Lady Margaret Road, N.19. |
| 1924 | *Hodgkinson, Francis Henry .. | 9, Warrior Square Terrace, St. Leonar on-Sea. |
| 1922 | *Hodgman, Cecil Merrick .. | 2, Dundonald Road, Ramsgate. |
| 1923 | *Hodsoll, James William .. | Farningham, Kent. |
| 1924 | *Holloway, Frederick .. .. | 795, Pershore Road, Birmingham. |
| 1924 | *Holmans, Leonard Charles | 42, Warrington Crescent, W.9. |
| 1923 | *Honnywill, Charles Robin .. | Holmans, Hawkhurst, Kent. |
| 1923 | *Horn, Henry James .. .. | 19, Lichfield Road, East Ham, E.6 (Essex). |
| 1924 | *Howell, John Gordon .. .. | 53, Underhill Road, Dulwich, S.E.22 |
| 1924 | *Huckstep, George Ernest .. | 71, Herbert Road, Woolwich, S.E.18 |
| 1924 | *Hughes, Cecil Walter .. .. | Woodsetton House, near Dudley. |
| 1924 | Hughes, John .. .. .. .. | Tyn-y-cæan, Llanrwst, Denbighshire |
| 1923 | *Hummell, Horace Reginald .. | Estate Dept. (S. W. & B. Sec.), South ern Railway, Victoria, S.W.1. |
| 1923 | *Hunt, Charles Harman .. .. | 18, Mercers Road, Tufnell Park, N.19 |
| 1923 | *Hunt, Cyril .. .. .. .. | 14, Clyde Road, Croydon. |
| 1924 | Hunt, Edgar Victor .. .. | 53, Vernon Road, East Sheen, S.W. |

| ate of tion. | PROBATIONERS. | Address. |
|---|---|---|
| 924 | *Hunter, Joseph .. .. .. | Bredon, Gravel Lane, Wilmslow, Cheshire. |
| 924 | *Hustwick, Henry Abbott .. | P.W.D., Union Buildings, Pretoria, S. Africa. |
| 922 | *Ireson, John, Jun. .. .. .. | Glenthorne House, Yaxley, near Peterborough. |
| 922 | *Jackson, Roy Giffard .. .. | 94, Grove Park, Denmark Hill, S.E.5. |
| 924 | *Jackson, Walter McAlpine .. | 17, Piccadilly, Bradford. |
| 923 | *Jacobs, Harry Cyril .. .. | Ambleside, Petersfield, Hants. |
| 923 | *James, Meurig Lewis .. .. | Goedwig, Woodlands Terrace, Swansea. |
| 921 | Jarman, Arthur Roy .. .. | Dearlewood, Ruskin Road, Carshalton, Surrey. |
| 923 | *Jefferies, Thomas Leslie Gilbert .. .. .. .. .. | Wansbeck House, Chepstow, Mon. |
| 924 | *Jeffries, Maurice Edward .. | 38, Craven Park, Harlesden, N.W.10. |
| 921 | Jellett, William Bulford .. | 49, Eastern Road, Romford. |
| 924 | Johnson, Bruce Mark Vice .. | 57, Oakfield Road, W. Croydon. |
| 924 | *Johnson, Kenneth Marr .. | 37, Norfolk Square, Hyde Park, W.2. |
| 923 | *Johnston, James Carruthers | 14, Winfield Road, Blackman Lane, Leeds. |
| 921 | *Johnstone, James Lloyd Warrack | 45, York Avenue, Great Crosby, Liverpool. |
| 24 | *Jolly, Denis Dobell .. .. | Southwood, Ampton Road, Edgbaston, Birmingham. |
| 24 | *Jones, Maurice Broadbridge | 68, Semley Road, Norbury, S.W.16 (Surrey). |
| 22 | Josey, Tom .. .. .. .. | 23, Station Avenue, Sandown, Isle of Wight. |
| 24 | *Journeaux, Percy Frederick | 15, Cranworth Road, Winchester. |
| 24 | *Kauntze, Henry Bagley .. | Northwood, Hilltop, Wilmslow, Cheshire. |
| 24 | Keeling, Patrick Foxall .. | Brent Knoll, Sutton Coldfield. |
| 24 | *Kelly, Oliver Cuthbert .. | 44, Hazelwood Road, Northampton. |
| 23 | *Kennett, Henry James .. .. | 15, Manor Park, Richmond, Surrey. |
| 24 | Kerr-Nesbitt, Stanley Edward Bradford | 25, Rannoch Road, Hammersmith, W.6. |
| 24 | *Kimber, Baden Maurice .. | 68, Portswood Road, Southampton, |
| 23 | *King, Charles Howard .. | c/o Town Hall, Southwick, Sussex. |

| Date of Election. | PROBATIONERS. | Address. |
|---|---|---|
| 1924 | *King, Hugh Snelling .. .. | c/o H. B. Bond, Chipstead Stat Banstead, Surrey. |
| 1924 | *King, James Lockhart .. .. | 26, Western Road, Henley-on-Tha |
| 1923 | *Kinnell, Brian .. .. .. | Boulderwood, Mount Hermon Roa Woking. |
| 1923 | *Kinsella, Tom .. .. .. .. | 17, Beechwood Avenue, Chorlto cum-Hardy, Manchester. |
| 1924 | *Kitchen, Eric Douglas .. | Sandfield, Sandhill Lane, Moort Leeds. |
| 1923 | *Knight, George Coldham .. | Stricklands, Stowmarket, Suffolk. |
| 1923 | Knight, Harry Vye .. .. | Surveyor's Office, Council Hous Redditch, Worcs. |
| 1924 | *Knight, Percy James Geoffrey | c/o Messrs. Geering & Colyer, Haw hurst. |
| 1924 | Kruse, Frank Robert .. .. | c/o Mrs. Matthews, Church St Faringdon, Berks. |
| 1923 | *Lamb, Louis Cecil .. .. .. | 7, Little College Street, S.W.1. |
| 1923 | *Langran, Joseph George .. | 30, Chatham Road, Kingston-o Thames. |
| 1923 | *Lauder, Malcolm, Jun. .. .. | Rowanlea, Johnstone, Glasgow. |
| 1924 | *Law, Gordon Murray .. .. | c/o W. Clark, Esq., 61, Bramfield R S.W.11. |
| 1924 | *Lawes, Cecil Frederick .. .. | 61, Drayton Bridge Road, Ealing, |
| 1924 | *Lawrence, Brian Englefield | 5, West Park Road, Southampton. |
| 1924 | *Lawrence, Edward Gear .. | 43, West Street, Havant, Hants. |
| 1923 | *Leather, Clifford Richardson | 144, Anson Street, Parrin Lan Monton, Manchester. |
| 1924 | *Limmer, John William .. .. | Woodcroft, Rayleigh Road, Thun ley, Essex. |
| 1923 | *Linay, Reginald Cooper .. | c/o Messrs. Jones Lang & Co., 3, K Street, E.C.2 |
| 1922 | *Linsley, Arthur John Shaw .. | c/o Mrs. Siddall, 22, Porter Stre Staveley, near Chesterfield. |
| 1923 | *Llewellyn, Eric Gilbert .. | 5, Dalby Square, Cliftonville, Marg |
| 1924 | *Lobley, Wilfrid Maddock .. | The Beeches, Heswall, Cheshire. |
| 1923 | *Lock, John Matthew Boys .. | 19, Torrington Park, North Finchl N.12 (Middlesex). |
| 1924 | *Longley, Basil .. .. .. .. | The Beeches, Crawley, Sussex. |
| 1923 | Longmore, Bernard George .. | 10, Birmingham Road, Kiddermi |
| 1924 | Lucas, Arthur Brown .. .. | Hill House, Ansford, Castle Somerset. |
| 1924 | *Lucas, Lascelles Arthur .. | 81, Eastbourne Road, West Ham, (Essex). |
| 1924 | *Lyle, Roy Gordon .. .. .. | 176, Liverpool Road, Great C near Liverpool. |

| ate of ction. | PROBATIONERS. | Address. |
|---|---|---|
| 923 | *Mabbott, Howard Kilner .. | Silverdale, Moss Lane, Ashton-on-Mersey, Cheshire. |
| 924 | *McAulay, William Jack .. | 12, Hill View, Ilminster, Somerset. |
| 923 | *McDowall, James .. .. .. | c/o W. Everall, Exchange Offices, Shrewsbury. |
| 924 | *McGauran, Francis Joseph .. | 3, Lonsdale Avenue, Ilford, Essex. |
| 924 | McKechnie, Peter .. .. .. | 13, Maxwell Street, Partick, Glasgow, W.1. |
| 923 | *Macpherson, John Henderson | Blackcroft, Shettleston, Glasgow. |
| 924 | *Maggs, Charles Theophilus .. | 12, Butler Road, Harrow, Middlesex. |
| 922 | *Malby, Edward Augustus .. | 53, Clarence Road, Bickley, Kent. |
| 924 | *Mann, John Robert Bagshaw | 41, Fitzroy Road, N.W.1. |
| 923 | *Maples, John Thresh .. .. | 10, Kingsmead Road South, Oxton, Birkenhead. |
| 924 | *Marcucci, Dario .. .. .. | 8, Melrose Road, Southfields, S.W. |
| 924 | *Marsh, Henry .. .. .. .. | The Nest, Brockham, Betchworth, Surrey. |
| 923 | Marshall, Andrew Campbell | 12, Smith Street, Hillhead, Glasgow West. |
| 924 | *Marshall, Stanley .. .. .. | 11, Jesmond Avenue, Toller Lane, Bradford, Yorks. |
| 924 | *Martin, Eric Frank .. .. | Holly Bank, Rockingham Road, Kettering, Northants. |
| 924 | *Mason, Austin Elliott .. .. | Tortington Manor, Arundel, Sussex. |
| 924 | Mason, Henry Edward Roy .. | 53, Hampstead Road, Dorking, Surrey. |
| 924 | *Massie, Wilfrid Hugh .. .. | Tetley House, Wakefield. |
| 922 | *Matthews, Alfred Charles .. | 204, Rye Road, Hoddesdon, Herts. |
| 921 | Matthews, Harold Marten.. | 51, Barrington Road, Crouch End, N.8 (Middlesex). |
| 922 | *Matthews, Wolverley Clifford .. .. .. .. .. .. | Mill House, Church Road, Croydon. |
| 924 | *May, Harold George .. .. | 74, Croftdown Road, N.W.5. |
| 922 | *May, Robert Cruden .. .. | Lyneham, Chislehurst, Kent. |
| 922 | *Meering, Sydney Edward .. | c/o Messrs. Aldons & Campbell, 21, Lower Bland Street, S.E. |
| 923 | *Merry, William Haslam .. | 17, High Street, Leighton Buzzard. |
| 924 | *Messenger, Wilfred Ernest .. | Elmsyde, Banbury Road, Oxford. |
| 922 | *Metcalfe, Henry Royle .. | 6, Broadway, Withington, Manchester. |
| 923 | *Meyer, Leo Henry Paul .. | Council Offices, Erith, Kent. |
| 23 | Middleton, Edgar .. .. .. | 195, Oldham Road, Rochdale, Lancs. |
| 923 | *Middleton, Walter .. .. | 87, Park Road, Bingley, Yorks. |
| 24 | *Miller, Albert Ernest .. .. | 38, Elm Park, Brixton Hill, S.W.2. |
| 24 | *Miller, George James Birslup | 18, The Square, Folly Lane, Stroud, Glos. |
| 24 | *Minchin, Cecil Redvers .. | 26, Britannia Road, Southsea, Hants. |
| 24 | *Moore, Alfred Stephen .. | Woodlands, Oakleigh Park, N.20. |

| Date of Election. | PROBATIONERS. | Address. |
|---|---|---|
| 1922 | *Moore, Leslie Helier .. .. | Gordon House, Southwold, Suffolk |
| 1921 | Moore, Lewis Jack .. .. .. | Templeton, Bridge Road, Torquay. |
| 1922 | Morgan, Eric Richard .. .. | 209, Unthank Road, Norwich. |
| 1924 | *Morris, John Francis .. .. | Black Hall, Kerry, Montgomeryshire |
| 1922 | *Mundy, George Theophilus .. | 183, Cinder Hill Road, Bulwell, Nottingham. |
| 1924 | Mundy, Guy Meredith Brookes | c/o W. Tibbits, 188, High Street, Tonbridge, Kent. |
| 1922 | Murray, Thomas Prain Douglas .. .. .. .. .. | Dryburgh, Dundee. |
| 1924 | *Needham, Frank Carlisle .. | 38, Bute Avenue, Lenton Sands, Nottingham. |
| 1924 | *Neville, Percy John .. .. | 14, Normandy Avenue, High Barnet, Herts. |
| 1924 | *Newman, Philip Arthur .. | 36, Westbere Road, West Hampstead, N.W.2. |
| 1922 | *Newton, William Henry .. | Lindhurst, Ramsey, Hunts. |
| 1923 | Nicolls, Jack Wilfrid .. .. | 14, Salehurst Road, Crofton Park, S.E. |
| 1923 | *Nimmo, Eric .. .. .. .. | Chinley, Broadstone, Hants. |
| 1924 | *Nitsch, Maurice Arthur .. | 43, Inglis Road, Ealing, W.5. |
| 1923 | *Nott, Alan Frank .. .. .. | The Hall, Wickham St. Paul, Halstead, Essex. |
| 1924 | *Nunn, Thomas Harry .. .. | 25, Rectory Place, Woolwich, S.E. |
| 1924 | *Ogilby, Robert .. .. .. | 185, Ormeau Road, Belfast. |
| 1924 | *Oldfield, Jack .. .. .. | 9, Stonefield Street, Halifax Road, Dewsbury, Yorks. |
| 1923 | *Osborne, Charles Henry .. | 5, Melville Road, Coventry. |
| 1923 | *Oxley, Clifford Dent .. .. | Wellow House, Wellow, near Bath. |
| 1922 | *Page, Ernest Walter .. .. | 131, Spring Road, Kempston, Bedford. |
| 1923 | *Paice, William Robert .. .. | 46, Cannon Hill Lane, Merton, S.W. (Surrey). |
| 1923 | *Palmer, Godfrey Bennett .. | 5, 6 & 7, Colosseum Terrace, Regent's Park, N.W.1. |
| 1924 | *Palmer, Horace .. .. .. | 55, Lordship Lane, Wood Green, N. |

| Date of Election. | PROBATIONERS. | Address. |
|---|---|---|
| 1924 | PARR, CUTHBERT MORSON .. | 4, Ashbrooke Mount, Sunderland. |
| 1923 | *PARRETT, JOHN RUTTER .. .. | 135, Richmond Park Road, Bournemouth, Hants. |
| 1924 | PATTEMORE, LESLIE JAMES .. | 48, Holyrood Street, Chard, Somerset. |
| 1924 | *PAYNE, DOUGLAS CHARLES .. | Lansdowne Lodge, Westbrook, Worthing. |
| 1923 | *PAYNE, GEOFFRY .. .. .. | 134, Ravensbourne Avenue, Shortlands, Kent. |
| 1924 | *PEARSON, ANDREW THOMAS NOEL | 15, Hardwick Road, Palmer's Green, N.13. |
| 1924 | *PEARSON, JOHN STANLEY .. | 29, Hampstead Hill Gardens, Hampstead, N.W.3. |
| 1923 | *PECK, FREDERICK EDWARD .. | Four Oaks, Hatch End, Middlesex. |
| 1924 | *PEDRO, AMATUS OLATUNDE .. | 4, Ladbroke Road, Notting Hill Gate. |
| 1922 | *PENWILL, FRANK RALPH .. | Surveyors' Dept., Town Hall, Paignton, Devon. |
| 1923 | *PERKINS, WALTER MOTTRAM .. | 21, Camden Square, N.W.1. |
| 1924 | *PICKARD, GEOFFREY HARRY .. | 24, Woodland Gardens, Muswell Hill, N.10. |
| 1924 | *PITHER, THOMAS CLIFFORD LEWINGTON .. | The Cottage, Woodridings, Hatch End, Middlesex. |
| 1924 | *PLASKETT, FREDERICK WILLIAM | 38, Stokenchurch Street, Fulham, S.W.6 |
| 1924 | *POLACK, DESMOND HARRY .. | Craufurd College, Maidenhead, Berks. |
| 1924 | *POPE, CHARLES BROOKLYN .. | 138, Heathway, Dagenham, Essex. |
| 1923 | *POPE, PHILIP MONTAGUE .. .. | 42, Tisbury Road, Hove, Sussex. |
| 1923 | *PORTER, JAMES WILLIAM RICHARD | Old County Hall, Spring Gardens, S.W.1. |
| 1924 | *POST, ALBERT HARRY .. .. | 443, Fulham Palace Road, S.W.6. |
| 1924 | *POULTON, EDWARD JOHN .. | 39, Orlando Road, Clapham, S.W.4. |
| 1924 | *POWELL, MAYNARD HENRY .. | 40, Woodstock Road, Moseley, Birmingham. |
| 1923 | *PRATLEY, RAYMOND EDWARD .. | c/o W. J. Ross, Brent Station, Highfield Avenue, Golders Green, N.W.11 (Middlesex). |
| 1923 | *PRICE, ERNEST HOPE .. . | 34, Preston Gardens, Willesden, N.W.10 (Middlesex). |
| 1924 | *PRIDDLE, FLORENCE DOROTHY (MISS) .. .. .. .. .. | 25, Brunswick Square, W.C.1. |
| 1924 | *PROFFITT, WILLIAM NEVILLE .. | Fairhaven, Memorial Road, Walkden, Manchester. |
| 1923 | *PUGH, NORMAN JOHN.. .. .. | Waterworks House, Spon End, Coventry. |

| Date of Election. | PROBATIONERS. | Address. |
|---|---|---|
| 1923 | *Quayle, Wilfrid Taggart .. | 9, Queens Terrace, Douglas, Isle Man. |
| 1923 | *Ramage, Ernest .. .. .. | 21, Success Cottages, Philadelphi Co. Durham. |
| 1924 | *Randall, Leslie Ernest .. | 146, Bingham Road, Addiscomb Surrey. |
| 1923 | *Randall, Robert Henry Leslie | 229, Westcombe Hill, Blackheat S.E.3. |
| 1923 | *Read, Charles Travell .. | Surveyors Office, Urban Distri Council, Newmarket. |
| 1923 | *Real, Reginald Walter.. .. | 100, Butler Road, Harrow, Middlese |
| 1923 | *Reavell, George Noble .. | 1, Gordon Road, Wanstead, Essex. |
| 1924 | *Redfern, Charles .. .. .. | 7, Salisbury Road, Leicester. |
| 1923 | Reid, John Kerr .. .. .. | 11, Warrington Road, Newcastle-o Tyne. |
| 1924 | *Renfrew, Colin .. .. .. | 14, Market Place, Chippenham. |
| 1923 | *Renny, Frederick Charles .. | 5, Great College Street, S.W.1. |
| 1922 | *Ridgway, William .. .. .. | 29, Clifton Road, Rugby, Warwicks |
| 1922 | *Roberts, Albert Edward .. | Surveyor's Office, G.W. Rly., Westbourne Terrace, W.2. |
| 1923 | *Roberts, Bryn .. .. .. .. | 71, West Side, Clapham Comm S.W.4. |
| 1923 | *Roberts, Eric Vaughan .. .. | Beech House, Ashton-on-Mersey Cheshire. |
| 1921 | Roberts, Gwilym Caradoc .. | Earl of Milton's Estate Office, R cliffe, Lancs. |
| 1923 | *Roberts, John Malcolm .. | South Bank, Lloyds Place, Bla heath, S.E.3. |
| 1924 | *Roberts, Thomas Linfoot .. | Gammons Farm, Gammons Lane, ford, Herts. |
| 1924 | *Robotham, Harold Woodiwiss | The Knoll, Littleover, Derby. |
| 1922 | *Robson, Harold Leslie.. .. | Glenfield, Gladstone Street, Derby |
| 1923 | *Rolls, Harold Arthur .. .. | St. Omer, George Street, Leigh Buzzard. |
| 1924 | *Roper, Thomas Percy .. .. | 72, Bishop's Mansions, Bishop's S.W.6. |
| 1923 | *Rose, James Luke .. .. .. | 29, Julian Avenue, Horn Lane, W (Middlesex). |
| 1923 | *Rowling, Maurice .. .. .. | Beechwood, Kendal, Westmorla |
| 1923 | *Rubens, Alfred .. .. .. | 10, Grove End Road, N.W.8. |

| Date of Election. | PROBATIONERS. | Address. |
|---|---|---|
| 1925 | St. John, Reginald Arthur | 139, Portsdown Road, Maida Vale, W. |
| 1924 | *Salter, Charles Robin | Danefield, Purley Oaks Road, Sanderstead. |
| 1923 | *Sandford, Herbert | 6, Westholm, Letchworth (Garden City), Herts. |
| 1924 | *Saunders, David Ivor | 118, Rhondda Street, Swansea. |
| 1923 | *Saunders, Edmund Barnard | Fridays Hill Cottage, Fernhurst, Sussex. |
| 1923 | *Searles, Charles Frank | Sidney Arms, Perry Street, Chislehurst, Kent. |
| 1924 | *Sebag-Montefiore, Owen Cecil | 37, Rosary Gardens, Gloucester Road, S.W.7. |
| 1924 | *Selkirk, William | 2, Hamilton Avenue, Pretoria, S. Africa. |
| 1922 | *Sharman, Eric Arthur | Farleigh, Osmond Road, Hove. |
| 1924 | *Shed, Jack George Herbert | South Cottage, Morris Road, Lewes. |
| 1924 | Shepherd, William Joseph Lionel | 14, Merton Hall Road, S.W.19. |
| 1924 | *Sheppard, William Hutchings | The Bank, Welshpool, Montgomeryshire. |
| 1923 | *Sherwill, Frank Charles | Leyfields, Chipstead, Surrey. |
| 1923 | *Shipley, William Arthur | 157, Marlborough Road, Bedford. |
| 1923 | *Short, Charles | 109, Charles Street, Springburn, Glasgow. |
| 1922 | Simons, Horace Edward William | 73, Kingsgate Street, Winchester. |
| 1924 | *Singleton, William | Northolme, Cottingham, E. Yorks. |
| 1923 | *Skrimshire, Samuel George | Harrovian Lodge, Pinner Road, Northwood, Middlesex. |
| 1924 | *Slater, Norman Woodford | 17, Knutton Road, Wolstanton, Staffs. |
| 1923 | *Slaughter, Stanley Harold George | 33, Three Colt Street, Limehouse, E.14. |
| 1922 | Smith, Maurice Giles | Millfield, Allington Road, Newick, Sussex. |
| 1924 | Smith, William Stuart | 25, Pine Grove, Maidstone. |
| 1924 | *Spain, William | 79, Otto Terrace, Sunderland. |
| 1922 | *Stacey, James Donald | 111, Ritherdon Road, S.W.17. |
| 1923 | *Stedman, Douglas Wilson | 110, Worting Road, Basingstoke. |
| 1924 | *Stewart, Norman Fraser | The Manse, Bothwell Park, Bothwell, Lanarkshire. |
| 1924 | *Stoakes, Donald Archibald | 17, Guildford Road, Tunbridge Wells. |
| 1922 | Stone, Kenneth Edward Day | Bank Chambers, Wellington Street, Aldershot. |
| 1923 | *Story, John Anthony | 3, Champion Road, Upminster, Essex. |
| 1923 | *Story, Thomas Hedworth | 3, Champion Road, Upminster, Essex. |

| Date of Election. | PROBATIONERS. | Address. |
|---|---|---|
| 1924 | *Stothard, George .. .. .. | 26, North Grove, Roker, Sunderland |
| 1923 | *Strachan, Herbert Edward | 93, Halesworth Road, Lewisham, S. |
| 1925 | Stripp, Harold Edwin George | Council Offices, Oxted, Surrey. |
| 1924 | *Sweett, Cyril .. .. .. .. | Westcombe, Oxgate Gardens, Cric wood, N.W.2. |
| 1924 | *Sykes, Geoffrey Herbert .. | 51, York Road, Birkdale, Lancs. |
| 1923 | *Symmons, Eric Thorne .. .. | 114, Dulwich Village, S.E.21. |
| 1923 | *Symmons, Gilburt Roy .. .. | 37, Cranhurst Road, N.W.2 (Middl sex). |
| 1924 | *Taylor, John Belmont .. | New Courts Chambers, 57-58, Chan Lane, W.C.2. |
| 1924 | *Taylor, Sidney William .. | 2, Pier Street, Burnham-on-Sea Somerset. |
| 1924 | *Teviotdale, George Strat-hearn .. .. .. .. .. | 240, Langlands Road, Glasgow, S. |
| 1924 | *Thomas, Geoffrey Rivers .. | 28, Upper Park Road, Hampst N.W.3. |
| 1924 | *Thomas, Gwilym Charles Edmunds | Ty'rderi, Aberdare Road, Mour Ash, Glam. |
| 1923 | *Thompson, James Arthur .. | 17, Page Street, Westminster, S.W |
| 1924 | *Thompson, Richard Wallace | Stone House, Stafford. |
| 1924 | *Thompson, William .. .. | 8, Crescent Gardens, Wimbledon S.W.19. |
| 1924 | *Thornborrow, Tom Jefferson | Barco Hill, Penrith, Cumberland |
| 1923 | *Thorne, Michael Christopher | c/o Messrs. F. Ellen & Son, Andov Hants. |
| 1924 | *Tibbetts, Thomas Leslie .. | Redlands, Stourbridge, Worcs. |
| 1924 | *Tickner, Walter Ernest .. | 11, St. Margaret's Terrace, Plums Common, S.E.18. |
| 1924 | *Tilley, Herbert George .. | 48, Holland Road, East Ham, Ess |
| 1924 | *Timmis, Hatton Henry Ewart | 75, Grantham Road, Sparkbrook, mingham. |
| 1922 | Tollit, Francis John .. .. | 11, Sussex Square, Brighton. |
| 1923 | *Tollit, Gerald Andrew .. .. | 11, Sussex Square, Brighton. |
| 1922 | *Tomkins, George Edward .. | The Grange, Dorothy Road, West Sussex. |
| 1924 | *Tommas, John Ernest (Junr.) | 19, Queen Street, Wordsley, near S bridge, Worcs. |
| 1924 | *Towler, Ronald .. .. .. | Ruskinville, Frenchwood Knoll, Pr |
| 1923 | *Townend, Herbert Victor .. | 14, Moss Street, Rochdale, Lancs |

| Date of Election. | PROBATIONERS. | Address. |
|---|---|---|
| 1924 | *Townend, William Brooke .. | Stanmore, Beechfield Road, Gosforth, Newcastle-on-Tyne. |
| 1924 | *Townsend, Norman Talbot .. | 43, Outwoods Street, Burton-on-Trent. |
| 1924 | *Trenchard, Julien Arthur Edward .. .. .. .. .. | Wye College, Wye, Kent. |
| 1924 | *Triggs, Walter John .. .. | 122, Kimberley Road, Nunhead, S.E.15. |
| 1923 | *Trotman, Eric Cecil .. .. | 26, Tarbert Road, Dulwich, S.E.22. |
| 1924 | *Trowbridge, Stanley George | 255, Holdenhurst Road, Bournemouth. |
| 1924 | *Tucker, Herbert George .. | Causeway Lodge, Dartington, Totnes, Devon. |
| 1922 | *Tunbridge, Graham .. .. | 16, Somerset Place, Swansea. |
| 1924 | *Turner, Bertram John .. .. | 35, Bradbourne Street, Parsons Green, S.W.6. |
| 1922 | *Turner, John Hamilton .. | Westburton, The Park, Sidcup, Kent. |
| 1923 | *Ullathorne, Thomas Edwin .. | Millgate, Selby, Yorks. |
| 1922 | *Uridge, Walter .. .. .. | 89, Bromley Road, Shortlands, Kent. |
| 1924 | *Vail, Lionel Stuart .. .. | 6, Castle Street, Hereford. |
| 1922 | *Vale, Gilbert Parry .. .. | "The Ferns," Pennfields, Wolverhampton. |
| 1923 | *Venour, Harold Alfred .. | Municipal Buildings, Liverpool. |
| 1924 | *Waggett, Harold Victor .. | Kingston, Friern Park, N. Finchley, N.12. |
| 1924 | *Waghorn, Gilbert Frederick Herbert .. .. .. .. .. | Calverton, Harpenden Road, St. Albans. |
| 1923 | *Wagstaff, Frederick Arthur | Ellerslie, Campden Road, South Croydon. |
| 1923 | *Wainwright, Frank Langton | 119, Moorgate, E.C. |
| 1924 | *Wainwright, Oswald Arthur | 15, Wellington Road, Edgbaston, Birmingham. |
| 1924 | *Walkden, Fred .. .. .. | 92, Petherton Road, Highbury, N.5. |

| Date of Election. | PROBATIONERS. | Address. |
|---|---|---|
| 1924 | WALSHE, HARRY WILLSON .. | 117, Middlemore Road, Northfield Birmingham. |
| 1922 | WALTHEW, RAYMOND .. .. | Dee Villa, Meols, Cheshire. |
| 1922 | *WARBURTON, JOHN OLDHAM .. | Bagillt Hall Farm, Holywell, N. Wa |
| 1922 | *WARD, EDWARD ADLEY .. .. | c/o Ellis Son & Bowden, Bedfor Chambers, Exeter. |
| 1922 | *WARING, WILLIAM JOHN .. .. | Barum House, Ena Avenue, Ne Glam. |
| 1924 | *WATSON, JOHN ALEXANDER .. | Brackenhill, St. George's Place, Y |
| 1924 | *WATSON, JOHN ARTHUR FERGUS | 55, St. Charles' Square, W.10. |
| 1924 | *WATSON, WILLIAM EDWARD .. | St. George's Farm, Ruskin La Bewdley, Worcs. |
| 1922 | *WEBB, WILLIAM .. .. .. | Beckfield Lane, Acomb, York. |
| 1924 | *WELLING, RONALD HERBERT .. | 5, Nevill Crescent, Lewes, Sussex. |
| 1924 | *WEST, ALFRED WILLIAM .. .. | 248, Hither Green Lane, Hither Gr S.E. |
| 1924 | WEST, ERIC WILLIAM ARTHUR .. | 8, Montpelier Place, Brighton. |
| 1924 | *WEST, GEORGE THOMAS .. .. | Bushbury Villa, Wilmot Road, Sw lincote, Burton-on-Trent. |
| 1921 | WETHERELL, JOHN ROBERTSON | 47, Frenchgate, Richmond, Yorks |
| 1924 | *WEYMOUTH, EDWARD ERNEST .. | 3, Cobden Road, Leytonstone, E.1 |
| 1924 | *WHEELDON, GERALD STUART | 39, Ailsa Road, Westcliff-on-Sea. |
| 1924 | WHEELER, ERIC MURRAY .. .. | 67, Holden Road, Woodside P N.12 (Middlesex). |
| 1923 | *WHITAKER, LAWRENCE LEO .. | 114, Wigan Road, Ashton-in-Make field, Lancs. |
| 1923 | *WHITE, HAROLD CEDRIC .. .. | 33, Park View Road, Addiscomb Surrey. |
| 1924 | *WHITE, WILLOUGHBY HANSFORD | Elmhurst, Bourne End on Tha Bucks. |
| 1922 | WHITEHOUSE, HOTSPUR CHRISTIAN | 3, Telford Place, North Road, Wol hampton. |
| 1924 | *WHITER, JOHN WILLIAM .. .. | Rosefield, Cecil Road, Cheam, Surre |
| 1922 | *WHITTAKER, ALLEN GEORGE BARRY | 3, Connaught Avenue, Mutley, mouth. |
| 1922 | *WHONE, WILLIAM ERNEST .. | Aubrey House, Cowbridge, Glam. |
| 1923 | *WICKHAM, LANCELOT TOWNSHEND | 7, Grey Friars, Chester. |
| 1924 | *WILFORD, JOSEPH CRAVEN .. | 102, Denmark Road, Camberwel S.E.5. |
| 1924 | *WILKINSON, ARTHUR REYNALLT | 133, Cathedral Road, Cardiff. |
| 1924 | *WILKINSON, CHARLES AYRTON | Rearsby, Blundellsands, Liverpool. |
| 1923 | WILKS, GEOFFREY STACEY .. | Post Office, Eckington, nr. Sheffiel |
| 1924 | *WILLIS, WILLIAM STEPHEN .. | 197, High Holborn, W.C.1. |
| 1923 | *WILSON, GEORGE NORMAN .. | Rose Hill, Kensington Road, Sunde land. |
| 1924 | WILSON, HENRY HOLT .. .. | Snape Hill, Rickinghall, Diss. |
| 1920 | *WINDROSS, NORMAN CYRIL .. | Estate Office, Anlaby Park, Hull. |

| Date of election. | PROBATIONERS. | Address. |
|---|---|---|
| 1923 | *Windrum, Terence Walter Fletcher | 94, Colney Hatch Lane, Muswell Hill, N.10 (Middlesex). |
| 1922 | *Winkworth, Edward Henry St. John .. .. .. .. .. | Horsell Lodge, Woking. |
| 1923 | *Wood, Douglas Attwood .. | c/o Messrs. Medley & Bown, 140, Ashley Road, Upper Parkstone, Dorset. |
| 1924 | *Woodlock, Gordon Edward .. | 4, Forthbridge Road, Clapham Common, S.W.11. |
| 1922 | *Woodward, Henry Charles .. | 45, Fairfield Terrace, Newton Abbot. |
| 1921 | *Woodward, Robert William Noble | Roydon, Marine Parade, Dovercourt, Essex. |
| 1923 | *Wootton, William Ewart .. | 1, Alexandra Road, Bedford. |
| 1924 | *Wright, Norman Charles .. | 119, Ivor Road, Sparkhill, Birmingham. |
| 1923 | *Wrigley. Roger .. .. .. | Fernlea, London Road, Shardlow, Derbyshire. |
| 1922 | *Yelloly, Claude Reginald .. | Como, Lombs Lane, Bury St. Edmund's. |
| 1923 | *Young, Alec .. .. .. .. | 25, Empingham Hill, Stamford, Lincs. |

Total Number of Probationers, 507, carried to Summary, page 237.

## Students.

| Enrolled. | STUDENTS. | Address. |
|---|---|---|
| 1923 | Abbott, Howard Guy .. .. | 23, Beaufort Road, Clifton, Bristo |
| 1923 | Abel, Sidney Vivian .. .. | 100, Ilex Road, Willesden (Middlese |
| 1923 | Absalom, Harold John .. .. | Breamore House, Station Road Epsom, Surrey. |
| 1924 | Addie, Thomas Robyn Forrester .. .. .. .. | Barnfield, Radbrook, Shrewsbury. |
| 1924 | Aitken, Robert Francis .. | Hill House, Stratton, near Cirences |
| 1924 | Ambrose, William John .. .. | 2, Cwm Terrace, Llanelly, S. Wale |
| 1923 | Angell, Francis Leslie .. .. | 40, Hereford Road, Bayswater, W.2 |
| 1923 | Ashworth, Joseph Fletcher .. | 28, Highfield Road, South Shor Blackpool. |
| 1924 | Askew, John M. .. .. .. | 134, Foxglove Road, Shiregreen Sheffield. |
| 1923 | Atkinson, Hugh Stanley .. | Winslow, Bucks. |
| 1923 | Atkinson, John Kenneth .. | 3, Wembley Gardens, Aintree, Li pool. |
| 1924 | Bampton, Ronald Charles .. | Lennox House, Overcliffe, Gravesen |
| 1924 | Bartleet, Guy Hiron .. .. | 135, Tachbrook Road, Leamington S |
| 1924 | Basham, Gilbert Thomas .. | 114, Argyle Road, West Ealing, W.13 (Middlesex). |
| 1924 | Beare, Clifton .. .. .. .. | 20, Blenheim Road, Westbury P Bristol. |
| 1924 | Bendle, Douglas James .. .. | 26, Powderham Crescent, Exeter. |
| 1924 | Bennett, Douglas George .. | 82, Beckenham Road, Beckenham, K |
| 1924 | Biscoe, Guy .. .. .. .. | 3, Greenhill Road, Harrow. |
| 1923 | Bisset, James Basil.. .. .. | St. Anthony's, St. Mary's Hill, Paig ton, Devon. |
| 1923 | Bland, Edmund Arthur .. .. | The Cot, Oxendon, Market Ha borough. |
| 1923 | Boardman, Sydney .. .. .. | 1028, Middleton Road, Chadderto Lancs. |
| 1924 | Bolton, Benjamin Balmer .. | 4, Hampton Road, Blackpool. |
| 1924 | Bowers, John Henry .. .. | Glanavon, Boughton, Chester. |
| 1922 | Brackett, William Robinson .. | 4, Limetree Avenue, Retford, Not |
| 1924 | Brown, Alwyn Clifton .. .. | 21, High Street, Southall, Middles |
| 1923 | Brown, Arthur Thomas .. .. | Gerrard's Lodge, Banstead, Surrey. |
| 1923 | Buckland, Philip Harry Beale | Goldwell, Great Chart, Ashford, K |
| 1924 | Burton, Langley William .. | 31, Westleigh Road, Leicester. |

| olled. | STUDENTS. | Address. |
|---|---|---|
| 24 | CALCUTT, KENNETH JACK .. .. | The Four Wents, Cranbrook, Kent. |
| 24 | CAMPBELL, DONALD M. .. .. | 135, Almada Street, Hamilton, N.B. |
| 924 | CARTER, ARTHUR BRIAN .. .. | Aldeburgh, Priest Lane, Shenfield, Essex. |
| 924 | CATLIFF, FRANK IVOR .. .. .. | 16, Spencer Road, Cottenham Park, S.W.20. |
| 923 | CHAPPELL, ALFRED NOEL WOODLIFFE .. .. .. .. | 18, Y Groes, Rhiwbina, Cardiff. |
| 924 | COLBURN, LESLIE THOMAS .. .. | 18, The Broadway, Mill Hill, N.W. (Middlesex). |
| 923 | COLLINS, HARRISON GOULD .. | Tursley House, Mortimer, Berks. |
| 924 | CONWAY, DONALD HENRY THEO. | 107, Redland Road, Bristol. |
| 923 | CORBEN, HORACE EDWIN .. .. | 2, Shirley Road, Southsea, Hants. |
| 923 | CROYSDILL, LESLIE CLIFFORD .. | 8, Leopold Road, Brighton. |
| 922 | CRUMP, EDWARD THOMAS .. .. | 22, Riverleaze, Sea Mills, nr. Bristol. |
| 924 | CULL, FREDERICK .. .. .. | 271, Springburn Road, Glasgow. |
| 924 | CULLEN, ALEXANDER .. .. .. | 64, Westmuir Street, Parkhead, Glasgow. |
| 924 | DAVEY, REGINALD CHARLES WARD | The Sun Dial, Horns Lodge, Tunbridge. |
| 924 | DAVIDSON, JOHN EDWARD .. | Haydon Bridge, Northumberland. |
| 923 | DAVIES, ROBERT FOULKES .. | 3, Glan Aber, Dolwyddelen, Carnarvonshire. |
| 922 | DAVIS, JOHN PHILIP .. .. .. | 81, Middle Lane, Hornsey, N.8 (Middlesex). |
| 924 | DAVIS, LOUIS ISAAC .. .. .. | 4, York Place, Clifton, Bristol. |
| 924 | DAWSON, EDWIN VIVIAN .. | 12, Cambridge Road, West Wimbledon, S.W. 20 (Surrey). |
| 924 | DRIVER, ALFRED ALAN .. .. | 30, Victoria Avenue, Chard, Somerset. |
| 924 | DUNCAN, LESLIE WARREN .. .. | 176, Brompton Road, S.W.3. |
| 923 | EASON, EDWARD BRUTON .. .. | 83, Mount Nod Road, Streatham, S.W. |
| 924 | EDWARDS, WILLIAM BELL .. | Holly Bank, Thirlmere, Grasmere. |
| 923 | EGGAR, RICHARD KENNERLEY .. | Carna, Ashtead, Surrey. |
| 923 | ELLSON, ARTHUR .. .. .. .. | 42, The Hill, Ilford, Essex. |
| 924 | EVANS, HUGH .. .. .. .. | 313, Commercial Road, Stepney, E.1. |
| 924 | EYLES, GEORGE LEWIS ERNEST .. | The Firs, Loudwater, High Wycombe. |

| Enrolled. | STUDENTS. | Address. |
|---|---|---|
| 1923 | FORBES, ROBERT BRACEY .. .. | 149, High Street, East Ham, Essex |
| 1923 | FOSTER, CHARLES GORDON ENGLAND .. .. .. .. .. | Eldwich, Hampton Hill, Middlesex |
| 1922 | FOWLER, ANGLESEY ALBERT WILLIAM .. .. .. .. .. | Anglesea, Pinner Road, North Harro |
| 1923 | FOX, JOHN ST. VIGOR .. .. .. | 36, The Close, Salisbury. |
| 1923 | FREEMAN, WILFRED FRANK .. | Avonbank, Cavendish Road, Sutton Surrey. |
| 1923 | GATES, NORMAN .. .. .. .. | The Dene, Alresford, Hants. |
| 1924 | GEEN, PHILIP CHARLES .. .. | Mayfield, Links Road, Epsom. |
| 1924 | GIBBS, JOHN REUBEN .. .. .. | 77, Melrose Avenue, Norbury, S.W. (Surrey). |
| 1923 | GODDEN, LESLIE JOHN .. .. | 52, High Street, Haverhill, Suffolk. |
| 1923 | GRANT, DONALD .. .. .. .. | North Lodge, Dundas Estate, South Queensferry, West Lothian. |
| 1923 | GRAYSON, HENRY GLADWYN .. | 82, Cambridge Terrace, Hyde Park W.2. |
| 1922 | GREVILLE, SYDNEY HALPIN .. | 3, Lonsdale Villas, Wembley, Middlesex |
| 1923 | HAAG, HENRY LEONARD .. .. | 44, Meadow Road, S.W.8. |
| 1924 | HALL, ARTHUR RICHMOND CRAIG | 13, St. Michael's Place, Brighton. |
| 1923 | HANSLEY, JOHN WILLIAM CHARLES .. | 48, Mayfield Road, Sanderstead, Surrey. |
| 1924 | HARDING, DUDLEY FITZROY .. | 41, Stockbridge Road, Winchester. |
| 1924 | HARRISON, FRANCIS LLEWELLYN | 44, Featherstone Road, Southall, Middlesex. |
| 1924 | HARTLEY, HENRY FRANCIS NORMAN .. .. .. .. .. | Overdale, Orrell Mount, Wigan. |
| 1924 | HARVEY, HAMMOND JOSEPH .. | 7, Foster Hill Road, Bedford. |
| 1924 | HAYWARD, CHARLES EDWARD RONALD .. .. .. .. .. | Sherborne, Northleach, Glos. |
| 1924 | HEATH, JOSEPH HENRY BAILEY | 27, Torrington Place, Plymouth. |
| 1924 | HIGGINS, RUPERT LESLIE .. .. | Rhos-y-bryneau, Penyffordd, Ches |
| 1923 | HILL, ALBERT JAMES .. .. .. | 7, St. Mark's Road, Kennington, S.E. |
| 1924 | HILL, FRANK COOPER .. .. | 87, Cromwell Road, St. Andrew's P Bristol. |
| 1924 | HILL, JAMES REGINALD .. .. | Statuary House, Tideswell, nr. Bux |
| 1922 | HINDMARCH, NORMAN .. .. .. | 11, Broadwood View, Chester-le-Str |
| 1924 | HINE, IVOR JACK STUART .. .. | 46, Haverstock Hill, Hampstead, N. |
| 1923 | HODGSON, ARTHUR GEOFFREY SANFORD .. .. .. .. .. | Westons Place, Warnham, Sussex. |

| olled. | STUDENTS. | Address. |
|---|---|---|
| 923 | HOLE, ROLAND RALPH .. .. | Borough Engineer's Dept., Crossley Street, Halifax. |
| 923 | HOLMAN, MAURICE GEORGE .. | 32, South Road, Hailsham, Sussex. |
| 923 | HOLME, FRANK PHILLIPS .. .. | Headingley, Essex Street, Norwich. |
| 924 | HORTIN, GEOFFREY WILLIAM .. | 6, Somerleyton Avenue, Kidderminster. |
| 923 | HUGGETT, RONALD NOËL .. .. | 50, Motcombe Road, Eastbourne. |
| 923 | HURT, REGINALD CHARLES WILLIAM | Divisional Estate Office, L.M. & S. Rly., Derby. |
| 924 | HUTLEY, WILLIAM GRANVILLE STUART .. .. .. .. .. | 2, High Street, Sutton. |
| 924 | INSKIP, GEOFFREY MAY .. .. | 31, Goldington Road, Bedford. |
| 923 | JAMES, BERNARD EDGAR .. .. | 116, Fernlea Road, Balham, S.W.12. |
| 924 | JAMES, KENNETH TURNER .. .. | Penberth, Ashtead, Surrey. |
| 924 | JEFFERIES, CYRIL GEORGE .. .. | 186, Wantage Road, Reading. |
| 923 | JOHNSON, ERNEST LESLIE .. .. | 40, High Street, Sandgate. |
| 924 | JONES, WILLIE CLIFFORD .. | Westleigh, Penyffordd, near Chester. |
| 922 | KEMP, JAMES WALES WILSON .. | 82, Pitt Street, Edinburgh. |
| 923 | KENT, JOHN ARTHUR .. .. | Balna Howe, Terrace Mount, Bournemouth. |
| 923 | KING, ALBERT .. .. .. .. | 49, Warrender Park Road, Edinburgh. |
| 924 | KIRK, WILLIAM RICHARDSON .. | 1, South Street, Alnwick, Northumberland. |
| 923 | LAUDER, HENRY HULL .. .. | 26, Parnell Place, Harold's Cross, Dublin. |
| 924 | LAYCOCK, PAUL FREDERIC .. | Rock Cottage, Halifax. |
| 924 | LINDARS, LESLIE WILLIAM.. .. | 66, Park Road, South Farnborough. |
| 924 | LITTLE, JOHN .. .. .. .. | 102, Napiershall Street, Glasgow, N.W. |
| 924 | MCHUGH, KENNETH TERENCE .. | Toc H Hostel, Swindon. |
| 924 | MACKENZIE, JOHN DOUGLAS STEVENSON .. .. .. .. | West Dean, Chichester. |
| 924 | MAPLEY, WILLIAM HENRY .. .. | 51, Yarmouth Road, Watford. |
| 924 | MARCHANT, FRANK .. .. .. | Glen Horley, Maidstone Road, Wigmore. Chatham. |
| 923 | MARR, WILLIAM .. .. .. .. | 8, Brora Street, Riddrie, Glasgow. |

| Enrolled. | STUDENTS. | Address. |
|---|---|---|
| 1924 | MARSH, MIDDLETON .. .. .. | Hinton Wood House, Grove Ro Bournemouth. |
| 1924 | MARSHALL, ERIC CHARLES .. .. | 48, Mayfield Road, Sanderstead. |
| 1924 | MARTIN, JOHN PATTINSON .. .. | Franche, Westdown Road, Seafor |
| 1924 | MARTIN, STANLEY CHARLES .. | 2, Lenham Road, Thornton Heath. |
| 1924 | MILES, JOHN EDWARD .. .. | Castle Street Chambers, Luton. |
| 1922 | MITCHELL, WILLIAM CHARLES .. | Trelowthas, Probus, Cornwall. |
| 1924 | MORGAN, ALFRED ROBERT .. .. | Avenue Lodge, Grays. |
| 1923 | MORGAN, FRANK RICHARD .. .. | 13, Winsham Grove, S.W.11. |
| 1923 | MULDER, HIDDO JOHN .. .. | Veendam, Maidstone Road, Chathan |
| 1924 | NETTEL, LEOPOLD .. .. .. | 1, Tavistock Crescent, Westbou Park, W.1. |
| 1923 | NEWCOMBE, ARTHUR ROY.. .. | Red House, Market Harborough. |
| 1923 | OTTER, JOSEPH REUBEN HARRY.. | 41, Kingsley House, Beaufort Str Chelsea. |
| 1924 | OWEN, GORONWY .. .. .. | 27, Rhiw Road, Colwyn Bay, N. Wa |
| 1923 | PARRY, OWEN HERBERT .. .. | 18, Alma Road, Clifton, Bristol. |
| 1924 | PEAK, WILLIAM EUSTACE .. .. | Appledore, Horley, Surrey. |
| 1924 | PEPPER, JOHN HASWELL .. .. | The Croft, Wakegreen Road, Mose Birmingham. |
| 1924 | PILCHER, CHARLES DENNIS .. | 117, North Street, Brighton. |
| 1924 | POLLITT, HAROLD .. .. .. | 132, Gala Street, Riddrie, Glasgow |
| 1923 | POPE, CLEMENT GILBERT GEORGE | 70, Holmside Avenue, Gillingha Kent. |
| 1923 | POTTER, JOHN MAXWELL .. .. | 8, Oxford Terrace, Carlin How, n Saltburn, Yorks. |
| 1923 | PRICE, DAVID RHYS .. .. .. | Gwynfryn, High Street, Penygro Carnarvonshire. |
| 1924 | PROCTER, HERBERT SECRETAN | 32, Market Square, Lancaster. |
| 1924 | PUGH-COOK, RICHARD JASPER JEWELL .. .. .. .. .. | Walmer Croft, Selsey, Sussex. |
| 1923 | PUTT, STANLEY WILLIAM .. .. | Uplands, Singlewell Road, Gravesen |
| 1923 | PYE, ALMA .. .. .. .. .. | 401, Shoreham Street, Sheffield. |
| 1924 | RAND, WILLIAM FABIAN .. .. | 16, Waldamar Road, Wimbled Park, S.W.19 (Surrey). |
| 1924 | RAWORTH, ERNEST RONALD .. | 3, Blake Place, Bridgwater. |
| 1924 | REED, CHARLES STANLEY .. .. | 29, Springbank Road, Jesmond, N castle. |

| lled. | STUDENTS. | Address. |
|---|---|---|
| 22 | RHYDDERCH, GWYN .. .. .. | Railway Tavern, Blaina, Mon. |
| 23 | RICHARDSON, JOHN EDMUND .. | 30, Portland Street, Derby. |
| 24 | ROCKCLIFFE, CYRIL HEDLEY .. | Hillcrest, King's Avenue, Rochester. |
| 23 | ROWBOTHAM, WILLIAM .. .. | 99, Lancaster Road, Morecambe. |
| 24 | ROWLINSON, PHILIP EDWARD .. | Sidestrand, Milton Road, Harpenden. |
| 24 | RUSSELL, ANTHONY JACK HILTON | Badgergate, Cadborough, Rye, Sussex. |
| 24 | SALMON, JOHN BERNARD .. .. | Cresselly, The Drive, Sevenoaks. |
| 23 | SALMON, RONALD .. .. .. | The Oaks, Plymouth Road, Barnt Green, Worcestershire. |
| 23 | SAMSON, CECIL LESLIE .. .. | 11, Waterand Road, Lewisham, S.E.13. |
| 23 | SANFORD, JAMES RAY .. .. | Portland Lodge, Teddington. |
| 24 | SAYER, FREDERICK BERNARD .. | "Belgarno," 69, Marchmont Road, Wallington. |
| 24 | SCRASE, FRANK GEOFFREY .. | 6, Woodchurch Road, N.W.6. |
| 24 | SELBY, ROBERT WILLIAM .. .. | Banfields, High Street, Chard. |
| 22 | SENDALL, LESLIE FREDERIC .. | Holmdale, Arthur Road, Horsham, Sussex. |
| 24 | SEYMOUR, KENNETH .. .. .. | 15, Drill Hall Road, Newport, Isle of Wight. |
| 23 | SHARP, JOHN NEVILLE .. .. | 46, Beaconsfield Villas, Brighton. |
| 24 | SHORTHALL, FRANCIS DESMOND | 66, St. Lawrence Road, Clontarf, Dublin. |
| 24 | SKERL, ANTON FRANCIS .. .. | 19, St. Michael's Road, Stockwell, S.W. |
| 24 | SMERDON, RICHARD KINGSLEY .. | 51, Sherwood Road, Addiscombe, Croydon. |
| 24 | SMITH, ERNEST CLIFFORD .. .. | 98, Lyndhurst Road, North End, Portsmouth. |
| 24 | SMITH, FREDERICK RAYMOND .. | 8, Sunnyside, Worksop. |
| 24 | SPEAK, JOHN ALEXANDER .. .. | 38, Park Road, Pendleton, Manchester. |
| 24 | SPENCER, FREDERICK HENRY .. | Hollywell House, Armley, Leeds. |
| 23 | SQUIRES, ALAN OSCAR .. .. | 9, Dallow Road, Luton, Beds. |
| 24 | STANILAND, ARCHIBALD WILLIAM | 11, Victoria Road, Abingdon, Berks. |
| 24 | STIMSON, CHRISTOPHER .. .. | Cedar House, Bedford. |
| 24 | STRATFORD, NORMAN FRANK .. | 28, William Road, Guildford. |
| 24 | TAMKIN, ARTHUR LESLIE .. .. | Paraiso, St. Efrides Road, Torquay. |
| 23 | TARRANT, ERIC ALEXANDER CHARLES | 132, Hanover Road, Brondesbury Park, N.W.10 (Middlesex). |
| 23 | THOMPSON, ALFRED WILLIAM .. | 25, Mundania Road, Honor Oak, S.E. |
| 24 | TILY, STANLEY JOHN .. .. .. | Chipping Sodbury, near Bristol. |
| 23 | TOMLINSON, GILBERT JOHN ELLIOTT | 42, Abbotsbury Road, Newton Abbot, Devon. |

| Enrolled. | STUDENTS. | Address. |
|---|---|---|
| 1923 | TOMLINSON, WILLIAM .. .. .. | 4, Hilda Place, Saltburn, Yorks. |
| 1924 | TOWNEND, CYRIL MARCELL .. | 27, Laverton Road, St. Anne's-on |
| 1924 | TOZER, WILLIAM ERNEST .. .. | Tideford, Cornworthy, near Totne Devon. |
| 1924 | TURNER, STANLEY FREDERICK .. | 16, Park Street, Minehead. |
| 1924 | TYRRELL, ERIC ARCHIBALD WILLIAM | Vigneau, Caxton Gardens, Weston I Guildford. |
| 1924 | UNDERWOOD, REGINALD ARTHUR | 51, St. George's Road, Golders Gre N.W.11 (Middlesex). |
| 1924 | VINSON, ROY ARTHUR .. .. | Hurst Farm, Bessley, Kent. |
| 1924 | WAKEFIELD, WILFRID ASHLIN .. | 9, Harcourt House, Regency S S.W.1. |
| 1924 | WALTER, JOHN CHEVALIER .. | 70, Burgoyne Road, Harringay, I |
| 1924 | WARD, FRANCIS CHANTRY .. .. | 96, Paris Street, Exeter. |
| 1924 | WATSON, ERIC CLARENCE .. .. | "Ivydene," Ascot, Berkshire. |
| 1923 | WATWOOD, GEORGE THOMAS .. | Greenwood Slade, Hednesford, St |
| 1923 | WEBB, NORMAN APTHORPE .. | 110, Cardiff Road, Llandaff, Car |
| 1924 | WELLS, PERCY ARTHUR .. .. | 35, Hatchlands Road, Redhill. |
| 1924 | WELLS, THOMAS PERCIVAL .. | "Weywood," Weybourne, Far Surrey. |
| 1923 | WELTON, WALTER KENNETH .. | 10, Palace Avenue, Paignton, De |
| 1923 | WHATLEY, WILLIAM GEORGE .. | The Cottage, Melrose Hall, Wil Road, Hove. |
| 1923 | WHEELER, ELLA FLORENCE (MISS) | 15, Upper Cheyne Row, Che S.W.3. |
| 1923 | WILKINS, HERBERT WALTER .. | Westview, Lauderdale Road, Hur Bridge, Herts. |
| 1923 | WILLIAMS, FRANK HARRISON .. | 4, Lorne Road, Waterloo, near pool. |
| 1924 | WILSON, WILLIAM .. .. .. | 8, George Street, Burnbank, Ha N.B. |
| 1923 | WISEMAN, ERNEST .. .. .. | 37, Monteagle Avenue, Barkin Essex. |
| 1924 | WOOD, JAMES .. .. .. .. | 70, Balgonie Road, Mosspark, Gl |
| 1923 | WRIGHT, NORMAN HORACE.. .. | Highfields, Broadway, Peterbor |
| 1923 | WYATT, STANLEY WILLIAM .. | Devonia, Princess Road, Bo mouth West. |
| 1923 | WYATT, STUART .. .. .. .. | East Lodge, Fareham, Hants. |

Total Number of Students, 195, carried to Summary, page 237.

SUMMARY.

| | |
|---|---|
| Honorary Members .. .. .. .. .. .. .. | 26 |
| Fellows .. .. .. .. .. .. .. .. .. | 2579 |
| Colonial Fellows .. .. .. .. .. .. .. | 129 |
| Professional Associates .. .. .. .. .. .. | 2693 |
| Associates .. .. .. .. .. .. .. .. .. | 40 |
| Probationers .. .. .. .. .. .. .. .. | 507 |
| Students .. .. .. .. .. .. .. .. .. | 195 |
| Total .. .. .. .. .. .. | 6169 |

NOTE.—To ensure the regular transmission of the Papers and Notices, it rticularly requested that any changes of address be communicated at once ıe Secretary.

## Members who have obtained the Special Diploma in Forestry.

| | |
|---|---|
| Allison, Herbert William | 6, Albion Street, Hull. |
| Aris, John Whitton, M.A. (*Oxon.*) | Lois Weedon, Denbigh Gardens, Richmond, Surrey. |
| Astbury, Charles Norman | c/o Messrs. C. B. Walker, 95, Courtenay Place, Wellington, New Zealand. |
| Bunny, Joseph .. .. | Senior Conservator of Forests, Zaria, Nigeria. |
| Davies, William Gwynne Batchelor .. .. .. | 14, Bell Street, Reigate. |
| Graham, Henry Cecil .. | 5, Great College Street, Westminster Abbey, S.W. |
| Hosegood, Andrew Webber .. .. .. .. | Williton, Somerset. |
| Le Sueur, Arthur Denis | 22, St. George's Square, S.W.1. |
| MacBeath, David Keir .. | Broxwood, Sandbank, Argyleshire. |
| Madge, John .. .. .. | Somerset House, Chard, Somerset. |
| Martin, Thomas, Capt. .. | 39, Osborne Road, Palmers Green, N.13. |
| Maughan, John .. .. | Estate Office, Jervaulx Abbey, Middleham, S.O., Yorks. |
| Maw, Percival Trentham | Stricklands, Robertsbridge, near Tunbridge Wells |
| Michelmore, Alfred .. | Gate House, Totnes, Devon. |
| Moiser, Cyril .. .. .. | Valuation Dept., Priory Avenue, Taunton. |
| Osmond-Smith, Francis Henry George, M.R.A.C. | County Land Agent, 5, Pembroke Terrace, Cardiff. |
| Parker, Frederic William | Parks Department, L.C.C., New County Hall, S.E.1. |
| Pennington, Richard Watson | Cowbeech House, near Hailsham, Sussex. |
| Philpot, Clifford Needham | Priests House, Flixton, Bungay, Suffolk. |
| Pritchard, Henry A. .. | Forestry Commission, 1, Whitehall, S.W. |
| Sawyer, John Ashton .. | Monksacre, Abbott's Road, Winchester. |
| Stone, Cyril Frank .. .. | Lyngate, Belmont Road, Reigate. |

| | |
|---|---|
| Taylor, William Ling .. | 100, Cromwell Road, S.W.7. |
| Thompson, John Clulow.. | Smeeton House, Smeeton, Leicester. |
| Wheldon, Martin Lowish | 5, Coney Street, York. |
| Wood, Leslie Stuart .. | East Grinstead, Sussex. |
| Wynne-Jones, Eric.. .. | c/o Messrs. Knight, Frank & Rutley, 20, Hanover Square, W.1. |

## Members who have obtained the Special Diploma in Sanitary Science.

| | |
|---|---|
| Adkin, Benaiah Whitley | 35, Lincoln's Inn Fields, W.C. |
| Assiter, Harry G. .. .. | The Weald House, Harrow Weald, Middlesex. |
| Bacon, Frank .. .. .. | 25, Liverpool Street, E.C. |
| Briant, Bernard .. .. | 200, Kennington Park Road, S.E. |
| Brown, Edgar Oswald .. | 6, Russell Gardens, Golders Green, N.W.4. |
| Burkett-Smith, Cecil Sydney | 31, St. Mary Abbott's Terrace, Kensington, W. |
| Burr, Harry .. .. .. | Willington, Bedford. |
| Chart, Christopher .. | Union Bank Chambers, Croydon. |
| Dunsmore, Gilbert .. | 1, Garthorne Road, Honor Oak Park, S.E. |
| Gosling, John Henry Charles .. .. .. .. | Town Hall, Portsmouth. |
| Gudgeon, George Harold | The Auction Mart, Winchester. |
| Gumbrell, Leonard Barton | 64, King Edward's Grove, Teddington, Middlesex. |
| Hamlyn, Eric Henley .. | 9, Southampton Street, Bloomsbury, W.C.1. |
| Hellicar, George Thomas | 47, Woodberry Grove, Finsbury Park, N. |
| Hooper, Edgar Wilfred.. | Haslemere, Beaufort Road, Reigate, Surrey. |
| Jones, Henry Arthur .. | 3 and 4, Lincoln's Inn Fields, W.C. |
| Jull, Robert Charles .. | 1, Cumberland Gardens, Tunbridge Wells, Kent. |
| Matthews, Maurice Kershaw.. .. .. .. | 77, Tottenham Court Road, W. |

| | |
|---|---|
| Melrose, Frank .. .. | 3-4, Clement's Inn, W.C.2. |
| Mumford, Frank Septimus | 103, Finborough Road, South Kensington, S.W.10. |
| Page, Stanley Hatch, C.M.G. .. .. .. .. | 6, Queen Street, Ramsgate, Kent. |
| Pilditch, Sir Philip Edward, M.P. | Old Bond Street House, 6-8, Old Bond Street, W. |
| Pover, William Alfred | 54, Park Road, Faversham, Kent. |
| Reffell, Charles Arthur | Thorney, Ennismore Avenue, Guildford. |
| Richards, Walter Rowe | 1, Alexandra Villas, Finsbury Park, N.4. |
| Sands, Hubert Covell, Lic.R.I.B.A. .. | Amhurst, Guibal Road, Lee, S.E. |
| Simmons, Edgar John .. | Station Place, Letchworth, Herts. |
| Smith, Cyril Herbert .. | Chilvester Hill House, Calne, Wilts. |
| Turner, Benjamin George | Wingrove House, Walmer, Kent. |
| Vernon-Inkpen, George Charles .. .. .. .. | 40, Commercial Road, Portsmouth. |
| Vining, Eric Leslie Randall .. .. .. .. | 97, Queen Street, Exeter. |
| Ward, Henry Payne .. | "Burleigh," Reigate Road, Redhill, Surrey. |

## Members who have obtained the Special Diploma in Rating.

| | |
|---|---|
| Abbott, Oscar Lewis .. | 14, Carrington Road, Flixton Manchester. |
| Butler, Charles .. .. | Union Offices, Queen Street South, Huddersfield. |
| Crosby, Arthur Benson.. | Union Offices, Parson's Lane, Bury. |
| Dalgliesh, Christopher.. | 1, Victoria Square, Reading. |
| Dawson, Henry Walker | c/o The Federation of Master Cotton Spinners' Association, Ltd.. Royal Exchange, Manchester. |
| Daykin, Harry .. .. | Elmsley, Trowle, Trowbridge. |
| Dixon, Isaac .. .. .. | 148, Brownlow Hill, Liverpool. |
| Heaton, John Joseph .. | 2, Baildon Hall, Baildon, Bradford. |
| Hedley, Theodore Fenwick.. .. .. .. .. | 5, Northgate, Darlington. |
| Humphries, John Buckle | 8, Laisteridge Road, Bradford. |

| | |
|---|---|
| KIRKBY, REGINALD GUY, F.R.I.B.A. | 17, Rosebery Crescent, Jesmond, Newcastle-on-Tyne. |
| LISNEY, JOHN .. .. .. | Valuation Dept., 6, Ely Place, Dublin. |
| LOGSDON, HORACE STEWART | 49 & 50, Parliament Street, S.W.1. |
| MARSH, FREDERICK STEPHEN .. .. .. .. | 7, Park Avenue, Northampton. |
| MATTHEWS, MAURICE KERSHAW .. .. .. .. | 77, Tottenham Court Road, W. |
| MILNE, JAMES LOGIE .. | 43, Cannon Street, Birmingham. |
| NYE, GEORGE VINCENT .. | 118, North Side, Clapham Common, S.W.4. |
| PARKER, JOHN .. .. .. | Southern Railway Rating Office, Victoria Station, S.W.1. |
| PITTS, DOUGLAS YATE .. | 54, Huskisson Street, Liverpool. |
| SYMES, ALFRED GEORGE .. | Ashton, Cecil Park, Pinner, Middlesex. |

## Junior Meetings.

Chairman :

JOHN PAUL CUSSONS DONE,
c/o Messrs. Done, Hunter & Co., Cricklewood, N.W.2.

Committee :

| | |
|---|---|
| HERBERT SYDNEY GRAFTON BEDELLS. | STANLEY VVYVIAN HICKS. |
| BRYAN ARTHUR CHAMPION. | HORACE STEWART LOGSDON. |
| JOHN DOUGLAS TRUSTRAM EVE. | HUMPHREY CROFTS POWELL. |
| WILLIAM CHARLES FARNSWORTH. | JOHN PERCIVAL RHYS. |
| HERBERT EDWARD GILLETT. | CHARLES HENRY RILEY. |
| | JAMES ROWLAND TOOVEY. |

Honorary Secretary :

ARNOLD FIELDER HOOPER,
Norfolk House, Norfolk Street, W.C.2.

# List of County Branches.

## JANUARY 1st, 1925.

| Branch. | No. of Members of Branch. | Chairman and Address. | Hon. Secretary and Address. |
|---|---|---|---|
| BEDFORD, ESSEX, HERTFORD, AND MIDDLESEX | 658 | J. J. Done, Cricklewood, N.W. | A. W. Merry, 17, High Street, Leighton Buzzard |
| BERKS, BUCKS, AND OXON | 146 | S. P. Wigley, Winslow, Buckinghamshire | A. S. Shorney, 1, Talfourd Avenue, Reading |
| CAMBRIDGE, HUNTINGDON, NORFOLK, AND SUFFOLK | 147 | W. P. Theakston, M.B.E., Huntingdon | E. O. Hines, 340, Norwich Road, Ipswich |
| CUMBERLAND AND WESTMORLAND | 44 | R. S. Woof, Lowther, Penrith | T. Brown, St. Andrew's Churchyard, Penrith |
| DEVON AND CORNWALL | 124 | W. A. Wade-Dalton, 1, Buckland Terrace, Plymouth | J. F. Bowden, Bedford Chambers, Exeter |
| GLOUCESTER, SOMERSET, AND NORTH WILTS | 172 | A. C. Williams, Estate Office, Kemble House, Cirencester | R. H. K. Price, 7, St. Stephen's Street, Bristol |
| HAMPSHIRE, DORSET, AND SOUTH WILTS | 233 | R. M. Woolley, Salisbury | A. S. Burnett, 2, High Street, Southampton |
| IRISH BRANCH .. .. | 179 | J. G. Clayton, 32, Nassau Street, Dublin | B. J. Newcombe, 110, Grafton Street, Dublin |
| KENT .. .. .. .. | 231 | W. R. Elgar, Hillside, Sittingbourne | R. Cobb, Watlynge, nr. Rochester |
| LANCASHIRE AND CHESHIRE | 450 | Col. H. L. Beckwith, Bank Chambers, 3, Cook Street, Liverpool | D. O. Dunlop, 28, Brazennose Street, Manchester |
| LEICESTERSHIRE, NORTHAMPTONSHIRE AND RUTLAND | 79 | W. Keay, 6, Millstone Lane, Leicester | J. L. Woolley, Rectory Place, Loughborough |
| LONDON (CITY AND EASTERN) | 437 | H. M. Stanley, 34, Clement's Lane, Lombard Street, E.C.3 | G. L. Vigers, 4, Frederick's Place, E.C. |
| LONDON (NORTH WEST) | 577 | A. C. Driver, 7, Charles Street, St. James' Square, S.W.1 | H. How, 41, Heath Street, Hampstead, N.W.3 |
| LONDON (SOUTH-WESTERN) | 530 | H. M. Rogers, 37, Bruton Street, W.1 | B. Briant, 200, Kennington Park Road, S.E. |
| NORTHUMBERLAND AND DURHAM | 129 | James Scott, 16a, Pilgrim Street, Newcastle. | W. Turpin, 18, Eldon Square, Newcastle-on-Tyne |
| NOTTINGHAM, LINCOLN, AND NORTH DERBY | 121 | W. N. Brackett, Market Place, Retford, Nottingham | A. A. Walton, Exchange Walk, Nottingham |
| SALOP, HEREFORD AND MID-WALES | 68 | J. Edmonds, Estate Office, Powis Castle, Welshpool, Montgomeryshire | A. M. Hickman, Pride Hill Chambers, Shrewsbury |
| SCOTTISH .. .. .. | 277 | W. Fraser, 209, St. Vincent Street, Glasgow | D. M. Mackay, 189, St. Vincent Street, Glasgow |
| SURREY .. .. .. | 360 | A. A. Brown, 83, High Street, Croydon | T. Brent, 8, Norbury Crescent, S.W.16 |
| SUSSEX .. .. .. .. | 183 | G. Gardner, Crawley | R. M. Ogilvie, Market Place, Hayward's Heath |
| WALES (NORTH) .. .. | 41 | G. F. C. Yale, Estate Office, Pwllheli, N. Wales | D. A. Hardcastle, 4, Church Street, Carnarvon |
| WALES (SOUTH) AND MONMOUTHSHIRE | 199 | H. T. Wales, Prudential Chambers, Castle Street, Swansea | J. O. Watkins, 10 & 11, St. Helen's Road, Swansea |
| WARWICK, WORCESTER, STAFFORD, AND SOUTH DERBY | 299 | L. O. Mathews, 12, Waterloo Street, Birmingham | O. L. Mathews, 12, Waterloo Street, Birmingham |
| YORKSHIRE .. .. .. | 285 | J. Young, 62, Market Street, Bradford, Yorks. | G. F. Weatherill, Valuation Office, Victoria Avenue, Harrogate |

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# Local Distribution of Members under Counties.

The names of those Fellows who are or have been Provincial Chairmen are distinguished thus *.

## BEDFORDSHIRE.

(Bedford, Essex, Hertford, and Middlesex Branch).

### FELLOWS:

| | |
|---|---|
| Brook, Harry .. .. .. .. .. | District Valuer's Office, 1st Floor, 2A, High Street, Bedford. |
| Burr, Harry .. .. .. .. .. | Willington, Bedford. |
| Chapman, George James Major, O.B.E. .. .. .. .. | 3, Park Avenue, Bedford. |
| Cumberland, Edward Anthony.. | Luton, and Leighton Buzzard. |
| Ellis, Arnold Robertson .. .. | 39, Kimbolton Road, Bedford. |
| Emery, Douglas Wade .. .. | District Valuer's Office, 2A, High Street, Bedford. |
| *Eve, Sir Herbert Trustram, K.B.E. .. .. .. .. .. .. | 2, St. Paul's Square, Bedford. |
| Franklin, Benjamin Belgrove .. | 33, King Street, Luton. |
| *Hall, Charles Pell .. .. .. | Crowholt Lodge, Woburn. |
| Howes, William Trotman, M.B.E. | 43, Lansdowne Road, Bedford. |
| Merry, Arthur Walker .. .. | 17, High Street, Leighton Buzzard. |
| Perks, Hugh Earl .. .. .. | 2, St. Paul's Square, Bedford. |
| Robinson, James Charles Evitt.. | 15A, St. Paul's Square, Bedford. |
| Samuel, William John.. .. .. | 42, Mill Street, Bedford. |
| Thomas, Ernest .. .. .. .. | "C" Sub-Area Headquarters, W. & B. Dept., Henlow Aerodrome, Henlow Station, Bedford. |
| Tomson, Maynard .. .. .. | Bedford House, Luton. |
| Tutt, Edwin Thomas .. .. .. | Market Place, Ampthill. |
| Wilson, Malcolm Millar .. .. | 8, St. Paul's Square, Bedford. |

### PROFESSIONAL ASSOCIATES:

| | |
|---|---|
| Bean, George William .. .. | 73, Victoria Road, Bedford. |
| Clare, Joseph .. .. .. .. | 186, Ampthill Road, Bedford. |
| Elliott, Charles Pynsent .. | Park Farm, Woburn, Bletchley. |
| Fenning, John Henry .. .. | 8, St. Paul's Square, Bedford. |
| Foll, Wallace Arthur .. .. | Woburn Sands. |

| | |
|---|---|
| FOSTER, NORMAN BEAUMONT .. | Ampthill. |
| GUDE, CHARLES, JUN. .. .. .. | 9, St. Paul's Square, Bedford. |
| HUNT, REGINALD WILFRID RICHARD .. .. .. .. .. | 54, Westbourne Road, Luton. |
| ISITT, SAMUEL GILBERT, N.D.A. .. | Estate Office, Southill Park, Biggleswade. |
| JONES, GEORGE .. .. .. .. | 12, High Street North, Dunstable. |
| MERRY, ARTHUR JOHN .. .. | 80, High Street, Bedford. |
| PEACOCK, ROBERT MOLESWORTH | Park Cottage, Bromham. |
| RUSSELL, ERNEST WILLIAM .. | County Agricultural Officer, Shire Hall, Bedford. |
| SMITH, HAROLD .. .. .. .. | 6, Tennyson Road, Bedford. |
| WESTON, JOSEPH AURELIUS .. | 80, High Street, Bedford. |
| WESTON, JOSEPH GORDON WALKER .. .. .. .. .. | 80, High Street, Bedford. |
| WILLETT, HUGH .. .. .. .. | 6, Bushmead Avenue, Bedford. |

PROBATIONERS:

| | |
|---|---|
| HAYNE, HERBERT DENIS .. .. | Agra House, Rothsay Place, Bedford. |
| HILL, LESLIE CHARLES .. .. | 28, Farrer Street, Kempston. |
| MERRY, WILLIAM HASLAM .. .. | 17, High Street, Leighton Buzzard. |
| PAGE, ERNEST WALTER .. .. | 131, Spring Road, Kempston. |
| ROLLS, HAROLD ARTHUR .. .. | St. Omer, George Street, Leighton Buzzard. |
| SHIPLEY, WILLIAM ARTHUR .. | 157, Marlborough Road, Bedford. |
| WOOTTON, WILLIAM EWART .. | 1. Alexandra Road, Bedford. |

STUDENTS:

| | |
|---|---|
| HARVEY, HAMMOND JOSEPH .. | 7, Foster Hill Road, Bedford. |
| INSKIP, GEOFFREY MAY .. .. | 31, Goldington Road, Bedford. |
| MILES, JOHN EDWARD .. .. | Castle Street Chambers, Luton. |
| SQUIRES, ALAN OSCAR .. .. | 9, Dallow Road, Luton. |
| STIMSON, CHRISTOPHER .. .. | Cedar House, Bedford. |

## BERKSHIRE.

**(Berks, Bucks, and Oxon Branch).**

FELLOWS:

| | |
|---|---|
| BATTING, MERLIN FRANCIS JOSEPH | Meriden, Hamilton Road, Reading. |
| BELCHER, EDWARD JOHN .. .. | Wantage. |
| *BUCKLAND, HENRY DUNEAU .. | Windsor. |
| BUCKLAND, SIDNEY CRAWFORD .. | Windsor. |

| | |
|---|---|
| BUTLER, ALBERT ERNEST .. .. | 20, Broad Street, Wokingham. |
| CHAMBERS, WADDELOW NIX.. .. | c/o A. F. Hobbs & Chambers, Faringdon. |
| COX, ARTHUR STANLEY .. .. .. | 16, Queen Victoria Street, Reading. |
| *DALGLEISH, CHRISTOPHER .. .. | 1, Victoria Square, Reading. |
| DAVIES, RHYS WILTSHIRE .. .. | 15, Western Elms Avenue, Reading. |
| EGGINTON, DENYS .. .. .. | 150, Friar Street, Reading. |
| GALE, HAROLD JAMES .. .. | Market Place, Wallingford. |
| GIDDY, OSMAN HORTON .. .. | Maidenhead. |
| GREENAWAY, JOSEPH REGINALD .. | 11, Friar Street, Reading. |
| *HASLAM, DRYLAND .. .. .. | Friar Street Chambers, Reading. |
| LAMBERT, GEORGE ARROW .. | Victoria Chambers, Reading. |
| LANGFORD, DOUGLAS CHARLES .. | Gwithian, Broad Lane, Bracknell. |
| LEE, JOHN PINCKE .. .. .. | Neal's Farm, Wyfold, near Reading. |
| MILLAR, WILLIAM GALT.. .. .. | 1, Arcade Chambers, Reading. |
| NEATE, ARTHUR WEBB.. .. .. | 8, St. Mary's Hill, Newbury, and Hungerford. |
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| PETO, JAMES WINDER .. .. .. | 6, Market Place, Reading. |
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| THAKE, ROBERT FREDERICK WILLIAM .. .. .. .. .. | 28, Bartholomew Street, Newbury. |
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| DUNN, WILLIAM, JUN. .. .. .. | Hinton Farm, Twyford. |
| DUNSTER, HENRY FRANK .. .. | 11, Brigham Road, Reading. |
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| HITCHINS, WALTER WILLIAM.. .. | University College, Reading. |
| PERRIN, JOEL WILLIAMSON HENRY | Crossfell, Tilehurst Road, Reading. |
| PIPER, PERCY JAMES .. .. | Dariel, Wantage Road, Reading. |
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| POVEY, STEPHEN GODDARD .. .. | 17, Blagrove Street, Reading. |
| ROBSON, JOHN EDWARD BOTTLE | 19, Berkeley Road, Newbury. |
| SMALLBONE, HENRY JAMES .. .. | Streatley-on-Thames. |
| THOMPSON, NEWTON DUKINFIELD | Beezes, Tylehurst, Reading. |
| TOWNSEND, CECIL PHILIP .. .. | Rossmead, Bath Road, Maidenhead. |
| TURNER, RICHARD HENRY .. | High Street, Bracknell. |
| WELLER, ERNEST POWELL .. .. | Lockinge Estate Office, Ardington, Wantage. |
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| FRASER, GEORGE BURTON .. .. | Iona, Southcote Road, Reading. |
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| POLACK, DESMOND HARRY .. | Craufurd College, Maidenhead. |

STUDENTS:

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| COLLINS, HARRISON GOULD .. | Tursley House, Mortimer. |
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| WATSON, ERIC CLARENCE .. .. | "Ivydene," Ascot. |

## BUCKINGHAMSHIRE.

**(Berks, Bucks, and Oxon Branch.)**

FELLOWS:

| | |
|---|---|
| BOND, GERALD EDWARD .. .. | Buckingham. |
| BROMLEY, ALAN .. .. .. | Town Surveyor's Office, Slough. |
| BURROWS, PERCY CHARLES .. | Welcomes, Ousley Road, Wraysbury. |
| CHARLES, RICHARD STAFFORD .. | Woodside House, Chenies. |
| ELLIS, GEORGE EDWARD .. .. | "Penkridge," Chesham. |
| EVANS, ERNEST SYDNEY .. .. | District Valuer, Amersham Hill, High Wycombe. |

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| FITCH, SIDNEY .. .. .. .. | Bramford, Amersham Hill, High Wycombe. |
| GILLER, CHARLES FREDERICK .. | 12, Lansdowne Avenue, Slough. |
| HAMILL, JOHN, B.A. .. .. .. | 7, Amersham Hill, High Wycombe. |
| JONES, DAVID JOHN .. .. .. | Hill Crest, High Wycombe. |
| PRICE, WILLIAM HARRY LYNE .. | 272, Farnham Road, Farnham Royal. |
| RAFFETY, HAROLD VEZEY, O.B.E. | Underwood, Beaconsfield. |
| RAFFETY, PERCY CHARLES.. .. | 30, High Street, High Wycombe. |
| SAMPLE, CHARLES HERBERT, O.B.E., B.A. (*Cantab.*) | Chilliswood, Parkhouse Road, Gerrards Cross. |
| *VERNON, ARTHUR .. .. .. .. | The Rockery, High Wycombe. |
| VERNON, ARTHUR STANLEY .. .. | 41, High Street, High Wycombe. |
| WALLER, HORACE .. .. .. | 7, Amersham Hill, High Wycombe. |
| *WIGLEY, SIDNEY PRUDDEN.. .. | Winslow. |
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| DICKSON, DUNCAN PETER .. .. | The Brambles, Iver Heath. |
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| FOLL, WALLACE ARTHUR.. .. .. | Bletchley. |
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| GOSSLING, RUPERT EMERSON .. | Market Place, Princes Risborough. |
| HARRISON, HENRY BEAUCHAMP .. | Newington House, Windsor. |
| HAYES, FREDERICK PERCY .. .. | The Thornes, New Road, Chesham. |
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| HURCOMB, HAROLD FRANCIS .. | Graycote, Ledborough Lane, Beaconsfield. |
| JOHNSON, WILLIAM SPENCER .. | Milford Leys, Castlethorpe. |
| LAIRD, JOHN .. .. .. .. .. | High Street, Marlow. |
| LANE, ALFRED .. .. .. .. | 37, Crendon Street, High Wycombe. |
| LEE, ALFRED FREDERICK .. .. | 36A, High Street, High Wycombe. |
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| MOODY, FRANCIS TYRELL .. .. | The Cottage, Norwood Hayes, Norwood Lane, Iver Heath. |
| ODAM, GEORGE MAXWELL .. .. | County Hall, Aylesbury. |
| PARKER, ARTHUR WALTER .. .. | Tregynon, Woburn Sands. |

| | |
|---|---|
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| WHITE, WILLOUGHBY HANSFORD | Elmshurst, Bourne End on Thames. |

STUDENTS:

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| ATKINSON, HUGH STANLEY .. | Winslow. |
| EYLES, GEORGE LEWIS ERNEST .. | The Firs, Loudwater, High Wycombe. |

## CAMBRIDGESHIRE.

(Cambridge, Huntingdon, Norfolk, and Suffolk Branch.)

FELLOWS:

| | |
|---|---|
| BENNETT, CHARLES RICHARD .. | County Hall, Cambridge. |
| *BIDWELL, JOHN EVANS, M.A. (*Cantab.*) | 11, Benet Street, Cambridge, and Fox Hill, Great Shelford, Cambridge. |
| BIDWELL, PHILIP SHELFORD .. | St. Mary's Street, Ely. |
| BRERETON, WALTER .. .. .. | The Milestone, Hills Road, Cambridge. |
| *CHALK, HENRY PHILIP.. .. .. | Linton. |
| FRANCIS, RONALD GARNHAM .. | 33, Hills Avenue, Cambridge. |
| GRAY, PERCY WILLIAM .. .. | 29, St. Andrew's Street, Cambridge. |
| HODGKINSON, NORMAN JOSEPH .. | 11, Bennett Street, Cambridge. |
| HOLLAND, THOMAS JAMES, JUN. .. | Station Road, Kennett |
| JONAS, HARRY MARSHALL, C.B.E... | 27, Market Hill, Cambridge. |
| JONAS, SAMUEL MARSHALL .. | 27, Market Hill, Cambridge. |
| KENWRICK, GEORGE .. .. .. | Woodditton, near Newmarket. |
| LAURANCE, JOHN BIDWELL .. .. | Bank Chambers, Whitlesey. |
| MARTIN, HEBER GAMBLING .. .. | Littleport, Isle of Ely. |
| *SCRUBY, WILLIAM THOMAS .. .. | 2, Shaftesbury Road, Cambridge. |
| SMITH, FRANK BRAYBROOKE, C.M.G., M.A. (*Cantab.*). .. .. | School of Agriculture, Cambridge. |

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| Boardman, John Wilberforce | Redroofs, Histon. |
| Brown, Edward James .. .. | 5, North Terrace, Cherryhinton, Cambridge. |
| Butlin, Henry Selwyn .. .. | 27, St. John's Road, March. |
| Dean, Henry William .. .. | 11, Benet Street, Cambridge. |
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| Martin, Alfred Guy Trice .. | County Hall, March. |
| Miller, Fred .. .. .. .. .. | The Hall Farm, Chesterton, Cambridge. |
| Peake, Albert Edward .. .. | County Hall, Cambridge. |
| Perkins, Frank King .. .. | 7, Baldock Way, Hills Avenue, Cambridge. |
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| Teasdale, George William .. | Borough Surveyor, Guildhall, Cambridge. |

PROBATIONER:

| | |
|---|---|
| Read, Charles Travell .. .. | Surveyor's Office, Urban District Council, Newmarket. |

## CHESHIRE.

**(Lancashire and Cheshire Branch.)**

FELLOWS:

| | |
|---|---|
| Bolton, Frank Holmes .. .. | "Eversley," Whaley Bridge. |
| Brady, Ralph Hollinshed, M.B.E. .. .. .. .. .. | 17, Warren Street, Stockport. |
| Brown, William Ernest, D.S.O., M.C. .. .. .. .. .. .. | 39, Pepper Street, Chester. |

| | |
|---|---|
| Carswell, Arthur Gemmell .. | Capesthorne, Chelford. |
| Cartwright, Alfred Stott.. .. | Council Office, Wilmslow. |
| Clark, Henry Denton .. .. | St. Peter's Churchyard, The Cross, Chester. |
| Cleworth, William Armine Wale .. .. .. .. .. | Bunbury, near Tarporley. |
| Crook, Felix .. .. .. .. .. | 17, Hooley Range, Heaton Moor, Stockport. |
| Cropper, Richard Blaylock .. | 5, St. Petersgate, Stockport. |
| Davies, Harold Cliffe .. .. | 97, Mount Road, Higher Tranmere, Birkenhead. |
| Davies, Horace Francis, A.R.I.B.A. | 28, Grange Road, Brook Lane, Chester. |
| Dorning, Arthur Harry .. .. | Holmleigh, Bowdon. |
| Elphick, George Pelham .. .. | Inland Revenue, 23, Upper Northgate Street, Chester. |
| *Hall, John Herbert.. .. .. | Mill House, Mobberley, near Knutsford. |
| Hewitt, Frank .. .. .. .. | Rowsley, Bramhall. |
| Hutchins, George .. .. .. | Grosvenor Buildings, Newgate Street, Chester. |
| Johnson, Harry Labron .. .. | 22, Elleray Park Road, Liscard. |
| Linaker, Charles Edward .. | Frodsham. |
| Lingard, William .. .. .. | Gorsefield, Davenport Park, Stockport. |
| McCracken, William .. .. .. | Englesea House, Crewe. |
| Mills, William Edward .. .. | 57, Hamilton Square, Birkenhead. |
| Milnes, Charlton .. .. .. | 57, Hamilton Square, Birkenhead. |
| Newling, Arthur Gwyn .. .. | Langdale, Storeton Road, Prenton, Birkenhead. |
| Pain, Coard Squarey .. .. .. | Bebington. |
| Parker, George.. .. .. .. | County Architect's Dept., Cheshire County Council, Newgate Street, Chester. |
| Rhodes, Bertram, B.SC. .. .. | Langley, Muriston Road, Hale. |
| Righton, Charles Shirt .. .. | 18, Market Street, Marple. |
| Robinson, Graham F. P., B.E. (*Dublin*) .. .. .. .. .. | The Oaks, Penyfford, near Chester. |
| Secker, John Eustace .. .. | Gorstage Hall, Sandiway. |
| Sheldon, Frederick Charles.. | 7A, King Edward Street, Macclesfield. |
| Stephen, James Emil .. .. | Mollington, Chester. |
| Stocks, Frederick William .. | Town Hall Chambers, Middlewich. |
| Swetenham, Henry .. .. .. | 49, North Gate Street, Chester. |
| Talbot, John Henry.. .. .. | 70, Broadway Avenue, Wallasey. |
| Tommis, George Harold .. .. | Ravenswood, Wilmslow. |
| Toyce, John .. .. .. .. .. | 3, Toleman Avenue, Lower Bebington. |
| Vallis, John David .. .. | Stanecliff, Disley. |
| Venborn, Sidney Thomas, Lt.-Col., S.R.E.S. .. .. .. | 102, Watergate Street, Chester. |
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| ROBSON, GEOFFREY BERTRAM .. | 17, Lisson Grove, Hale. |
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| SMITH, CHARLES HERBERT .. .. | 19, Ashburn Road, Heaton Norris, Stockport. |
| SUTTON, PHILIP ROWLEY .. .. | Cranford, Bramhall Park, Cheadle Hulme. |

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| TALLON, JOSEPH FRANCIS .. .. | 33, Lord Street, Chester. |
| TERRY, HOWARD VIVIAN .. .. | Mickle Cottage, Mickle Trafford, Chester |
| WATSON, ARTHUR BRIGGS .. .. | 52, College Drive, Rock Ferry. |
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| KAUNTZE, HENRY BAGLEY .. | Northwood, Hilltop, Wilmslow. |
| LOBLEY, WILFRID MADDOCK .. | The Beeches, Heswall, |
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STUDENTS :

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| BOWERS, JOHN HENRY .. .. | Glanavon, Boughton, Chester. |
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| JONES, WILLIE CLIFFORD .. .. | Westleigh, Penyffordd, near Chester. |

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## CORNWALL.

(Devon and Cornwall Branch.)

FELLOWS :

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| BEDDALL, HERBERT BOWMAN, N.D.A., M.B.E. .. .. .. .. | 9, Strangway Terrace, Truro. |
| BEDINGTON, ALFRED CHRISTOPHER, A.M.I.C.E. .. .. .. | Council Chambers, Newquay. |

| | |
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| Bulteel, Walter Gordon .. .. | Charlestown, St. Austell. |
| Jeffery, Francis Wilson .. .. | Star Castle, St. Mary's, Scilly. |
| *Jenkin, Arthur Pearse .. .. | Trewirgie, Redruth. |
| Tresidder, Henry Edmund .. | 12, Lansdowne Road, Falmouth. |
| Walder, William Gaskin .. | Wave Crest, Looe. |

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STUDENT:

| | |
|---|---|
| Mitchell, William Charles .. | Trelowthas, Probus. |

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## CUMBERLAND.

(Cumberland and Westmorland Branch.)

FELLOWS:

| | |
|---|---|
| *Birkett, Tom, M.B.E. .. .. | Foxton House, Penrith. |
| Brown, Tom .. .. .. .. | St. Andrew's Churchyard, Penrith. |
| *Heskett, William James .. .. | St. Andrew's Churchyard, Penrith, and Viaduct Chambers, Carlisle. |

| | |
|---|---|
| Lawrence, Charles Phillips .. | 8, Carleton Gardens, Stanwix, Carlisle. |
| Little, William .. .. .. .. | Hutton Hall, Penrith. |
| Mitchell, Joseph .. .. .. .. | Lloyd's Bank Chambers, Carlisle. |
| Musgrave, Harold .. .. .. | c/o J. Birkett & Son, Land Agents, Penrith. |
| Richardson, George .. .. .. | 5, Lonsdale Street, Carlisle. |
| Rook, Joseph Taylor .. .. .. | 22, Chatsworth Square, Carlisle. |
| Stanley - Dodgson, Stanley Dickinson | Estate Office, Somerset House, Whitehaven. |
| Tiffen, John Hall .. .. .. | 20, Lowther Street, Carlisle. |
| Watson, Herbert John .. .. | St. Helen's, Cockermouth. |
| Wilford, Cecil Marshall .. .. | Cathedral Chambers, Castle St., Carlisle. |
| Woof, Robert Stephenson .. | Lowther, Penrith. |

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| Walker, Irwin .. .. .. .. | 19, Myddleton Street, Carlisle. |
| Warbrick, George Newton .. | Pool House, Sylecroft. |
| Wheeler, John Caffin .. .. | 20, Portland Square, Workington. |
| Wright, John .. .. .. .. | Brunswick House, Brunswick Square, Penrith. |

## ASSOCIATE:

| | |
|---|---|
| Hill, John Smith, B.A., B.Sc. (*Lond.*) | Estate Office, Greystoke, Penrith. |

## PROBATIONER:

| | |
|---|---|
| Thornborrow, Tom Jefferson | Barco Hill, Penrith. |

## DERBYSHIRE (Northern Part).
(Nottingham, Lincoln, and North Derby Branch.)

### FELLOWS:

| | |
|---|---|
| *Barnes, George Frederick .. | New Square, Chesterfield. |
| Bell, William John .. .. .. | 4, Highfield Road, Chesterfield. |
| Deacon, Maurice .. .. .. .. | Chase Cliffe, Whatstandwell, near Matlock. |
| Jenner, William .. .. .. .. | 6, Gluman Gate, Chesterfield. |
| Jones, Dan Ivor .. .. .. | 6, Gluman Gate, Chesterfield. |
| Longsdon, Ernest Morewood .. | The Hollow, Little Longstone, near Bakewell. |
| May, Thomas Henry .. .. .. | "Harefield," Marlborough Road, Buxton |
| Murrell, Sidney James .. .. | District Valuer, 6, Gluman Gate, Chesterfield. |
| Turner, David Neville .. .. | Walton Lodge, Chesterfield. |

### PROFESSIONAL ASSOCIATES:

| | |
|---|---|
| Attlee, Edward Guy .. .. .. | Green Lane, Burbage, Buxton. |
| Bunting, Alfred Henry .. .. | Glendon, Knowleston Place, Matlock. |
| Clark, William Ernest .. .. | 42, Alfred Street, Ripley. |
| Day, Cyril Walter .. .. .. | Victoria Buildings, Alfreton. |
| Drewry, George Hayward.. .. | Hargate Wall, Miller's Dale, Buxton. |
| Ewing, Bernard Stopard .. | 40, Church Street, Birdholme, Chesterfield. |
| Hagon, Leonard .. .. .. | 1, Tavistock Square, Alfreton. |
| Hudson, James Alexander .. | The Cottage, Ashgate, nr. Chesterfield |
| Marshall, William Thomas, M.A. (*Oxon.*) .. .. .. .. | Thorn Tree, Matlock. |
| Ogden, Frederick Soresby .. | The Yews, Stanley, near Derby. |
| Rylatt, Walter Puckering, A.R.I.B.A. .. .. .. .. .. | The Crescent, Hathersage. |
| Slater, Gilbert .. .. .. .. | Borough Engineer's Office, Town Hall, Buxton. |
| Woodburn, William.. .. .. | Eden Lodge, Stanley Street, Spital, Chesterfield. |

### PROBATIONER:

| | |
|---|---|
| Linsley, Arthur John Shaw .. | c/o Mrs. Siddall, 22, Porter Street, Staveley, near Chesterfield. |

### STUDENT:

| | |
|---|---|
| Hill, James Reginald .. .. | Statuary House, Tideswell, near Buxton |

## DERBYSHIRE (Southern Part).
(Warwick, Worcester, Stafford and South Derby Branch.)

### FELLOWS:

| | |
|---|---|
| *Fuller, Thomas Alfred .. .. | The College, All Saints', Derby. |
| Hewitt, Charles Richard .. .. | 122, London Road, Derby. |
| Hooley, Arthur John .. .. .. | The College, All Saints', Derby. |
| Lewis, George Alfred, M.A. (*Cantab.*), C.M.G. .. .. .. | Midland Road, Derby. |
| Lewis, Percy William .. .. | Park Leys, Duffield, Derby, and Midland Road, Derby. |
| Mitton, Henry Eustace .. .. | Ormonde Fields, Codnor, Derby. |
| Payton, Edmund .. .. .. .. | 2, Mill Hill Road, Derby, and Crompton's Bank Chambers, Midland Road, Derby. |
| Phibbs, Harry, A.R.I.B.A. .. .. | Grindelford School. |
| Tomlinson, Thomas .. .. .. | 2, St. James's Street, Derby. |
| Wells, Arthur Harvey .. .. | 8, Stafford Street, Derby. |
| Whitaker, Hugh .. .. .. | Valuation Office, 8, Stafford Street, Derby. |

### PROFESSIONAL ASSOCIATES:

| | |
|---|---|
| Brameld, Henry Creswick Wilson | Royal Engineer's Office, 45, Friar Gate, Derby. |
| Chadwick, John Bertram .. | The Hollies, Darley Abbey, nr. Derby. |
| Cossar, Edgar Leslie .. .. | Park House, Station Road, Borrowash, near Derby. |
| Eaton, George Morley .. .. | The Close, Radbourne, near Derby. |
| Elwell, Eric Reginald .. .. | Bank Chambers, Albert Street, Derby. |
| Fisher, James Thomas .. .. .. | 8, Stafford Street, Derby. |
| Gandy, Harold .. .. .. .. | Bailey Croft House, Wirksworth, Derby. |
| McCallum, Peter Service .. .. | Holly Bush House, Osmaston Road, Derby. |
| Marshall, Tom Owen .. .. .. | Estate Office, Midland Railway, Derby. |
| Marshall, Walter Kinsman .. | Radbourne Estate Office, near Derby. |
| Page, John Thomas .. .. | 36, Strutt Street, Derby. |
| Savage, Richard Bruce .. .. | Clifton House, Whaley Bridge. |

### PROBATIONERS:

| | |
|---|---|
| Robotham, Harold Woodimiss | The Knoll, Littleover, Derby. |
| Robson, Harold Leslie .. .. | Glenfield, Gladstone Street, Derby. |
| Wrigley, Roger .. .. .. | Fernlea, London Road, Shardlow. |

STUDENTS:

| | |
|---|---|
| HURT, REGINALD CHARLES WILLIAM | Divisional Estate Office, L.M. & S. Rly. Derby. |
| RICHARDSON, JOHN EDMUND .. | 30, Portland Street, Derby. |

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## DEVONSHIRE.

(Devon and Cornwall Branch.)

FELLOWS:

| | |
|---|---|
| ANDREW, THOMAS HAWKES .. | 6, The Crescent, Mount Radford Exeter. |
| BAKER, ERNEST JOHN .. .. .. | Works Department, H.M. Dockyard Devonport. |
| BODDINGTON, PERCY EDGAR.. .. | c/o Superintending Valuer, 51, Queen Street, Exeter. |
| *BODY, ARTHUR, A.R.I.B.A. .. .. | 22, Lockyer Street, Plymouth. |
| BOURNE, ROBERT ELLIOTT .. .. | Elwell, Totnes. |
| *BOWDEN, HARRY .. .. .. .. .. | Wilts and Dorset Bank Chambers, George Street, Plymouth. |
| *BOWDEN, JOHN FRIENDSHIP .. | Bedford Chambers, Exeter. |
| BRAY, JOHN SANDERS .. .. | 18, Cathedral Yard, Exeter. |
| CHAMPERNOWNE, AMYAS WALTER | c/o The Manager, Lloyd's Bank, Sidmouth. |
| *DREW, HENRY ALBAN .. .. .. | 24, East Southernhay, Exeter. |
| *DREW, JOHN GOULD, B.A. (*Oxon.*) | 24, East Southernhay, Exeter. |
| *ELLIS, ALBERT EDWARD .. .. | Bedford Chambers, Exeter. |
| *FENTON, ADAM DOUGLAS .. .. | Maristow Estate Office, Roborough. |
| FOSTER, JAMES HERBERT FURMEDGE | The Rolle Estate Office, Exmouth. |
| FOX, FREDERICK RUSSELL .. .. | Grove Hill, Barnstaple. |
| GOSS, HARRY CHARLES .. .. | 2A, Fleet Street, Torquay. |
| HALLETT, WILLIAM BROWN .. | Essworthy, Yelverton. |
| HAMLYN, ERIC HENLEY .. .. | 5, Tavistock Road, Plymouth. |
| HARRISON, GEORGE JOHN ROBERTSON | Valuer's Office, 20, Princes Square Plymouth. |
| HOSKING, WILFRID .. .. .. | Central Chambers, Princes Square Plymouth. |
| KERSLAKE, THOMAS HENRY .. .. | Estate Office, Cockington, Torquay. |
| KNUBLEY, MILES PONSONBY .. | c/o Superintending Valuer, 51, Queen Street, Exeter. |
| LEE-NORMAN, ALEXANDER HENRY | Hayne House, Plymtree, near Cullompton. |

| | |
|---|---|
| LIVING, ROBERT .. .. .. .. | Clooneavin, Lynton. |
| *LUCAS, JOHN ARCHIBALD, F.R.I.B.A. | Guildhall Chambers, High Street, Exeter. |
| MATTHEWS, DOUGLAS PERCIVAL | Valuer's Office, Barclay Bank Chambers, Princess Square, Plymouth. |
| MAUNSELL, GEORGE EDWARD SCARLETT .. .. .. .. .. | The Barton, Nymel Barton, Lapford. |
| *MICHELMORE, ALFRED .. .. .. | Gate House, Totnes. |
| PAYNTER, E. ERNEST W., N.D.A. (Hons.), N.D.D. .. .. .. .. | Highlands, Berealston. |
| PEARSE, THOMAS WILLIAM .. .. | The Green, Modbury. |
| PEARSE, WILLIAM .. .. .. .. | Stoliford, Modbury. |
| *PINSENT, FRANCIS WINGFIELD HOMFRAY | Inland Revenue, Barclay's Bank Chambers, Plymouth. |
| *RENDELL, ARTHUR STEPHEN .. | Market Terrace, Newton Abbot. |
| ROFF, HENRY GRIFFITHS .. .. | 1, Cross Street, Barnstaple. |
| *RUNDLE, EDWARD COLLINS.. .. | Bedford Office, Tavistock. |
| SMYTH-RICHARDS, FREDERICK GEORGE .. .. .. .. .. | Tilery Cottage, Filleigh, South Molton. |
| *SMYTH - RICHARDS, GEORGE COBLEY, O.B.E. | Estate Office, Castle Hill, near South Molton. |
| *STAPLEDON, ERNEST ALLEN .. | Bridge Chambers, Bideford. |
| *TORY, JOHN EDWARD .. .. .. | Valuation Department, 51, Queen Street, Exeter. |
| VINING, ERIC LESLIE RANDALL .. | 97, Queen Street, Exeter. |
| WADE-DALTON, WILLIAM LECHMERE | Saltram Estate Office, 1, Buckland Terrace, Plymouth. |
| WALMSLEY, ARTHUR TINDAL, MAJOR .. .. .. .. .. | 5, Osborne Villas, Stoke, Devonport. |
| WARD, ALEXANDER HENRY .. | Cumurrew, Yelverton, R.S.O. |
| *WARD, DANIEL .. .. .. .. | 12, Abbeymead, Tavistock. |
| *WARD, FRANK.. .. .. .. .. | Burnville, Tavistock. |
| *WHITTON, PERCY .. .. .. .. | 20, Queen Street, Exeter. |
| WOODCOCK, ROBERT FRANK .. .. | Superintending Valuer, 51, Queen Street, Exeter. |
| WRIGHT, CHARLES LEE.. .. .. | 21, Cathedral Yard, Exeter. |

## PROFESSIONAL ASSOCIATES:

| | |
|---|---|
| BAKER, ERNEST JOHN .. .. | Uffculme. |
| BAKER, GEORGE WILLIAM .. | 14, St. James' Terrace, The Hoe, Plymouth. |
| BAXTER, HAROLD JOHN .. .. | 3, High Street, Totnes. |
| BENNETT, ARTHUR THOMAS .. | Rating Surveyor, Prudential Buildings, George Street, Plymouth. |
| BLISS, THEODORE STEVEN .. .. | Bedford Office, Tavistock. |
| BLYTH, HAROLD KING .. .. | c/o Superintending Chief Engineer's Dept., H.M. Dockyard, Devonport. |
| BRAYSHAW, HENRY HARCOURT | 16, Fore Street, Kingsbridge. |

| | |
|---|---|
| Challice, John .. .. .. .. | 7, Bedford Circus, Exeter. |
| Couldrey, Herbert Mill .. .. | Sunniva, Paignton. |
| Cox, Gordon Wilkinson .. .. | Kinbrae, Chelston, Torquay. |
| Davies, John Lewis .. .. .. | Borough Surveyor's Office, Totnes. |
| Drew, John Denys .. .. .. | 24, East Southernhay, Exeter. |
| Flower, John James .. .. | Seale-Hayne Agricultural College, Newton Abbot. |
| Foot, William George .. .. | 41, High Street, Totnes. |
| Hammick, George Frederick .. | Estate Office, Kingsteignton. |
| Haslehust, Eric Thomasset .. | Manor Office, Yealmpton. |
| Hills, William Thomas .. .. | 36, Hyde Road, Paignton. |
| Holditch, Charles Stanley .. | 21, Lockyer Street, Plymouth. |
| Hole, William Gerald .. .. | Bovey Tracey. |
| Lumley, Frederick Robert .. | Mamhead Park, Exeter. |
| Newman, Claude Edwin Sandys .. .. .. .. .. | 17, Morton Crescent, Exmouth. |
| Pearse, Walter Pitts .. .. | Barncott, Plympton. |
| Perrin, Frank Janes .. .. .. | Bridge Buildings, Barnstaple. |
| Ruse, John .. .. .. .. .. | Devon County Council, Avenue Road, Newton Abbot. |
| Saunders, Edward Youngs .. | Borough Surveyor's Office, Barnstaple. |
| Southcombe, John Charles .. .. | Bridge Buildings, Barnstaple. |
| Voisey, Percy Deering .. .. | c/o E. J. Harris, 12, North Avenue, Polsloe Road, Exeter. |
| Ward, Cecil Gordon .. .. .. | 44, Headland Park, Plymouth. |
| Ward, Edward John .. .. .. | 1, Burgoyne Villas, Alma Road, Plymouth. |
| Ward, Edward Rex .. .. .. | 7, Fore Street, Okehampton. |
| Ward, Frank, Jun. .. .. .. | Burnville, Tavistock. |
| Ward, Pascoe Leigh .. .. | 16, Gandy Street, Exeter. |
| Wilkinson, Henry Theodore .. | Brentor, Tavistock. |
| Williams, William Henry .. | Wood Dene, Knowle, Braunton. |
| Wonnacott, James Palmer .. .. | c/o Superintending Valuer, 51, Queen Street, Exeter. |

PROBATIONERS:

| | |
|---|---|
| Ashton, George Venning .. | Lower Alsworthy, Bradworthy. |
| Ellis, Leonard Percival Snow | The Barton, Dunchidcock, nr. Exeter. |
| Heal, Clifford Henry .. .. | 62, Fore Street, Totnes. |
| Moore, Lewis Jack .. .. .. | Templeton, Bridge Road, Torquay. |
| Penwill, Frank Ralph .. .. | Surveyors' Dept., Town Hall, Paignton. |
| Tucker, Herbert George .. | Causeway Lodge, Dartington, Totnes. |
| Ward, Edward Adley .. .. | c/o Ellis, Son and Bowden, Bedford Chambers, Exeter. |
| Whittaker, Allen George Barry | 3, Connaught Avenue, Mutley, Plymouth. |
| Woodward, Henry Charles .. | 45, Fairfield Terrace, Newton Abbot. |

STUDENTS:

| | |
|---|---|
| BENDLE, DOUGLAS JAMES .. .. | 26, Powderham Crescent, Exeter. |
| BISSET, JAMES BASIL .. .. .. | St. Anthony's, St. Mary's Hill, Paignton. |
| HEATH, JOSEPH HENRY BAILEY | 27, Torrington Place, Plymouth. |
| TAMKIN, ARTHUR LESLIE .. .. | Paraiso, St. Efrides Road, Torquay. |
| TOMLINSON, GILBERT JOHN ELLIOTT .. .. .. .. .. | 42, Abbotsbury Road, Newton Abbot. |
| TOZER, WILLIAM ERNEST .. .. | Tideford, Cornworthy, near Totnes. |
| WARD, FRANCIS CHANTRY .. | 96, Paris Street, Exeter. |
| WELTON, WALTER KENNETH .. | 10, Palace Avenue, Paignton. |

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## DORSETSHIRE.

(Hampshire, Dorset, and South Wilts Branch.)

FELLOWS:

| | |
|---|---|
| ALLEN, AUBREY JAMES .. .. | Half Moon Street, Sherborne. |
| BIRCH, FRANCIS JULIAN LAURENCE .. .. .. .. .. | Adcroft House, Bourton. |
| BLOIS, BASIL FREDERIC .. .. | Holmwood, St. Osmund's Park, Parkstone. |
| BURCH, ARTHUR EDWIN .. .. .. | Earl of Wilton's Estate Office, New Street, Weymouth. |
| *CANDY, WALTER EMMANUEL .. | Encombe, Wareham. |
| CRICKMAY, HARRY WILLIAM .. | 49, St. Mary Street, Weymouth. |
| *DAY, GEORGE CARLETON .. .. | Estate Office, Woodbridge, Shaftesbury. |
| DUKE, AUGUSTUS BARNABY CYRIL | West End House, Martinstown, near Dorchester. |
| *DUKE, EDWARD .. .. .. .. | Dorchester. |
| *DUKE, HENRY EDWARD .. .. | Morland, Dorchester. |
| ELFORD, JOHN .. .. .. .. .. | Eastlea, Wimborne Road, Poole. |
| HIBBS, NORMAN HADLEY .. .. | c/o Messrs. Maggs and Maggs, Alton Chambers, Parkstone. |
| HOARE, ARTHUR JOHN .. .. .. | District Valuer's Office, 28, High West Street, Dorchester. |
| MEABY, THOMAS JAMES .. .. .. | 1, Springfield Road, Parkstone, Wimborne. |
| MORRISH, WILLIAM JAMES MARMADUKE, B.A., F.R.I.B.A. .. .. | Wyke Road, Gillingham. |
| RAWLENCE, ARTHUR RAYMOND .. | Glenart, Newland, Sherborne. |
| *RAWLENCE, JAMES .. .. .. | The Estate Office, Wimborne. |
| *RICHARDS, GEORGE EDWARD .. | Stour Lodge, Wimborne. |

| | |
|---|---|
| *Sanctuary, Campbell Fortescue Stapleton .. .. .. .. .. | Bridport. |
| Sanctuary, Campbell Thomas, Capt. .. .. .. .. .. .. | Bridport. |
| *Senior, Harry Samuel .. .. | Sturminster Newton. |
| Wheatley, Stephen Gladstane | Park Estate Office, Orchard Avenue, Parkstone. |

PROFESSIONAL ASSOCIATES:

| | |
|---|---|
| Armstrong, Clive Heath .. | Courthill, Bournemouth Road, Parkstone, Dorset. |
| Boon, Ernest George Frederick .. .. .. .. .. | The Woodlands, Dorchester. |
| Ingram, Edward Cecil.. .. .. | The Cottage, Sturminster Newton. |
| Jamieson, William Arthur .. | Borough Engineer's Office, Weymouth. |
| Kay, George .. .. .. .. .. | District Valuer's Office, Top o' Town House, Dorchester. |
| Prance, Charles William, M.I.M.Cy.E. .. .. .. .. .. | Council Offices, Wimborne. |
| Sparks, Fernly George .. .. | Royal Naval Cordite Factory, Holton Heath, near Wareham. |
| Stanford, Frank Erlysman | Council Offices, Dorchester. |

PROBATIONERS.

| | |
|---|---|
| Bracker, Stanley Ewart .. | Ulmus, Lyell Road, Upper Parkstone. |
| Clarke, Harold Bertram .. | St. Martin's, Garland Road, Poole. |
| Damen, Hubert Edward .. .. | Westward Ho, Dudsbury Avenue, Ferndown. |
| Fookes, Henry Frederick Robert .. .. .. .. .. | Milton Abbas, Blandford. |
| Wood, Douglas Attwood .. | c/o Medley & Bown, 140, Ashley Road, Upper Parkstone. |

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## DURHAM.

(Northumberland and Durham Branch).

FELLOWS:

| | |
|---|---|
| Askwith, Arthur .. .. .. | 29, Nevilledale, Durham. |
| Burkitt, Harold, M.Sc. (*Durham*), N.D.A. | Glenside, Etherley Lane, Bishop Auckland. |
| Clark, Nathaniel .. .. .. | Holly Lodge, Ebchester. |
| Coates, Frederick Ernest.. .. | 5, The Craiglands, Sunderland. |
| *Cochrane, William James .. | 15, Thornhill Terrace, Sunderland. |

| | |
|---|---|
| HEDLEY, THEODORE FENWICK .. | 5, Northgate, Darlington. |
| MATKIN, GEORGE EDWARD .. .. | Town Hall, Sunderland. |
| *MILLER, JOHN EZRA .. .. .. | 4, Brookside Terrace, Sunderland. |
| MORTON, WILLIAM .. .. .. | 45, John Street, Sunderland. |
| PROWSE, ALBERT EDWARD, M.B.E. | Lambton House, Birtley. |
| RAE, THOMAS HERDMAN.. .. .. | 17, Fawcett Street, Sunderland. |
| REID, EDWARD DECIMUS .. .. | 7, Ashwood Terrace, Thornhill, Sunderland. |
| ROWLANDSON, SAMUEL MESSITER, MAJOR .. .. .. .. .. | The College, Durham, |
| SOUTH, ARTHUR EDWARD .. .. | Bank Top Chambers, 177, Victoria Road, Darlington. |
| SPAIN, JOSEPH, LT.-COL., F.R.I.B.A. | The Nook, East Boldon, S.O. |
| STUART, FRANCIS DONALD .. | Bank Top Chambers, 177, Victoria Road, Darlington. |
| WILLEY, FREDERICK, F.R.I.B.A. | 34, Old Elvet, Durham. |

## PROFESSIONAL ASSOCIATES:

| | |
|---|---|
| ARMOUR, ANDREW LAMONT, B.SC. | 54, Bewick Road, Gateshead. |
| AYNSLEY, JOHN THOMAS OLIVER | Leeholme Road, Coundon. |
| BATCHELOR, PERCIVAL .. .. | 14, Blackwellgate, Darlington. |
| BOAST, CHARLES ERIC, M.C., A.M.I.C.E. | Borough Surveyor's Office, Town Hall, Darlington. |
| BOWES, ALFRED STANLEY .. .. | North Holme, Whitburn, Sunderland. |
| CHEYNE, ALEXANDER .. .. .. | Durham County Council, Sedgefield, Ferryhill. |
| CHILTON, ARTHUR FRANCIS .. | 7, Langholm Crescent, Darlington. |
| CLAYTON, JOSHUA .. .. .. .. | 60, Orchard Road, Darlington. |
| DUNBAVAND, EUSTACE.. .. .. | 6, Grange Road, West Hartlepool. |
| EADE, CHRISTOPHER AYLMER .. | Branson House, Darlington. |
| GIRVEN, FREDERICK WILLIAM .. | Surveyor's Dept., R.D.C. Offices, Easington. |
| GORE, GEORGE PYM.. .. .. .. | 81, Bondgate, Darlington. |
| GOULDING, GEORGE DIXON.. .. | 2, Mount Road East, Sunderland. |
| GRAHAM, EDWARD .. .. .. .. | Union Offices, Chester-le-Street. |
| HARRISON, ARTHUR .. .. .. | The Hermitage, Norton-on-Tees. |
| HARRISON, WILLIAM MICHAEL .. | Dunoon, Greenbank Road, Darlington. |
| HESLOP, JOHN REDVERS .. .. | The Oaks, Burnopfield. |
| HINDMARSH, JAMES .. .. .. | 7, Institute Terrace, Bearpark, Durham. |
| MCMAHON, WILLIAM PATRICK .. | 9, Tubwell Road, Darlington. |
| MILBURN, WILLIAM, JUN. .. .. | 8, Thornhill Park, Sunderland. |
| MINORS, ERNEST, B.SC. (*Lond.*), A.M.I.C.E. | Borough Surveyor's Office, Town Hall, Darlington. |
| PARKER, ROBERT.. .. .. .. | 67, Lichfield Street, Gateshead. |
| PEGGE, JOHN THOMAS .. .. .. | The Anchorage, Durham. |
| RICHARDSON, BENJAMIN .. .. | William Street, Houghton-le-Spring. |

| | |
|---|---|
| Sedgwick, Ernest .. .. .. .. | 12, Waterloo Place, Sunderland. |
| Stewart, Cuthbert Bertram | 29, Stanhope Road, Darlington. |
| Teasdale, Thomas Moffatt .. | 6, Ravensdale Crescent, Low Fell, Gateshead-on-Tyne. |
| Thomson, David .. .. .. .. | County Court Buildings, Elvet Waterside, Durham. |
| Waite, George Dawson .. .. | Lacton, Linden Avenue, Darlington. |

PROBATIONERS:

| | |
|---|---|
| Abbey, John Barwick .. .. | The Mount, Gilesgate, Durham. |
| Cowan, Gilbert .. .. .. .. | 7, Sea View Gardens, Sunderland. |
| Gilbert, Cecil James .. .. | Ingram House, Friar Terrace, Hartlepool. |
| Hall, Percy .. .. .. .. | Croxdale View, Station Avenue, Brandon Colliery. |
| Parr, Cuthbert Morson .. .. | 4, Ashbrooke Mount, Sunderland. |
| Ramage, Ernest .. .. .. | 21, Success Cottages, Philadelphia. |
| Spain, William .. .. .. .. | 79, Otto Terrace, Sunderland. |
| Stothard, George .. .. .. | 26, North Grove, Roker, Sunderland. |
| Wilson, George Norman .. .. | Rose Hill, Kensington Road, Sunderland. |

STUDENT:

| | |
|---|---|
| Hindmarch, Norman .. .. .. | 11, Broadwood View, Chester-le-Street |

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## ESSEX.

(Bedford, Essex, Hertford, and Middlesex Branch.)

FELLOWS:

| | |
|---|---|
| Aylott, Joseph .. .. .. | Green Lanes, Goodmayes. |
| Bate, Ernest Montagu .. .. | The Rowans, Fourth Avenue, Frinton-on-Sea. |
| Belcham, Alan Syer .. .. | 126, Hamlet Court Road, Westcliff-on-Sea. |
| Bridgewater, Alfred Taylor | Town Hall, East Ham, E.6 (Essex). |
| Carnegie, John William Percy | 106, Alexandra Road, Southend-on-Sea |
| Clark, Duncan Walter .. .. | St. Runwalds, 3, West Stockwell Street, Colchester. |
| Clark, William Henry .. .. | 55, Crouch Street, Colchester. |

| | |
|---|---|
| CLARKSON, WILLIAM .. .. | 53, Finchley Road, Westcliff-on-Sea. |
| CLARKSON, WILLIAM, JUN. .. .. | 9, Valkyrie Road, Westcliff-on-Sea. |
| COVERDALE, FREDERICK JOHN .. | Billericay. |
| DANIELL, FREDERICK STANLEY .. | Head Gate, Colchester. |
| GOADBY, HOWARD, LT.-COL. .. .. | 17, Cossington Road, Westcliff-on-Sea. |
| HILLIARD, GEORGE EDWARD .. .. | Chelmsford. |
| HOLFORD, SHELLEY .. .. .. | Braeside, Weald Road, Brentwood. |
| HORSER, COTTERELL WALTER .. | 65, Cleveland Road, South Woodford, N.E. |
| HUNNINGS, ARTHUR .. .. .. | 112, Baxter Avenue, Southend-on-Sea. |
| JENKINS, WILLIAM LIONEL .. | Town Hall, West Ham, E.15. |
| JENNINGS, WILLIAM ALFRED .. | 7, Romford Road, Stratford, E.15. |
| JOHNSON, HENRY .. .. .. | 52, St. George's Road, Leyton, E.10. |
| KEMSLEY, WILLIAM HUGH .. | Woodford Green. |
| LINE, FREDERICK JAMES .. .. | Valuation Office, 54, Hamlet Court Road, Westcliff-on-Sea. |
| LOCK, CHARLES .. .. .. .. | 26, Hill Road, Chelmsford. |
| LOW, JAMES BARTLETT HYDE .. | 74, Duke Street, Chelmsford. |
| NEIL, DAVID MAXWELL .. .. | 13A, Westcliff Park Drive, Southend-on-Sea. |
| OAKLEY, CHRISTOPHER PERCIVAL | 29, Romford Road, Stratford, E. |
| PARKER, CHARLES ALFRED .. .. | Woodham, Mortimer Place, Maldon. |
| PEMBERTON, BASIL CHARLES .. | 21, Irvine Road, Colchester. |
| PIERCE, EDWARD LEMUEL .. .. | Valuer's Office, Inland Revenue, Romford. |
| PRATT, FRANK PERCY .. .. .. | 23, Eastern Road, Romford. |
| PYLE, BENJAMIN THOMAS RICE | Town Grove, Hatfield Heath, Harlow. |
| RIPPENGAL, ARTHUR HENRY .. .. | Brentwood. |
| ROGERS, ARTHUR CECIL .. .. | 521, Barking Road, Plaistow, E. |
| ROWETT, FREDERICK JOSEPH LANCASTER | Valuation Office, 23, Eastern Road, Romford. |
| SANSOM, WILLIE STANLEY VENN .. | 23, Ireton Road, Colchester. |
| SHINER, FREDERIC WALTER .. | Elmhurst, Highview Avenue, Grays. |
| SLATER, ERIC ARNOLD .. .. .. | Town Hall, Colchester. |
| STANFORD, CHARLES MAURICE .. | 23, High Street, Colchester. |
| *STRUTT, THE HON. EDWARD GERALD, C.H. .. .. .. .. | Whitelands, Hatfield Peverel, Witham. |
| TAYLOR, FREDERIC DENNISON .. | Jessamine Cottage, Upminster. |
| TOMLIN, WILLIAM .. .. .. | 39, Station Road, Clacton-on-Sea. |
| UPSDALE, ANDREW REID .. .. | 738, Romford Road, Manor Park, and 11, Granville Road, Ilford. |
| VICKERS, ALFRED CRANSTOUN .. | 13, Hildaville Drive, Westcliff-on-Sea. |
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| ROWN, WILLIAM EDWARD .. | Bude, Hyde Road, Watford. |
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| OCKS, JOHN FREDERICK .. .. | Ware Park, Ware. |
| OLE, CHARLES PHILIPS .. .. | c/o W. Brown & Co., Berkhamsted. |
| OUCHMAN, HENRY BOTELER .. | Moor Park Estate Office, Rickmansworth. |
| ROZIER, HARRY WILLIAM .. .. | 60, Fore Street, Hertford. |
| LINT, WILLIAM FIELDER .. .. | Eastnor, Cassiobury Park Avenue, Watford. |
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| Fairminer, William James .. | Ye Homesteade, 40, Hallswelle Road Golder's Green, N.W. |
| Fisher, Robert .. .. .. .. | Glen Esk, Preston Road, Harrow. |
| Fitt, Harry Charles .. .. | 21, Craven Avenue, Ealing, W. |
| French, Cecil George, Major.. | 4, Wentworth Park, Church End Finchley, N. |
| Gamble, Sidney Gompertz, A.M.I.C.E. | 16, Queen Anne's Gardens, Bedford Park, W.4. |
| Gimson, Allen .. .. .. .. | 16, Woodridings Avenue, Hatch End. |
| Guiver, Dudley.. .. .. .. | 45, High Street, Ponder's End. |
| Hall-Jones, Frederick .. .. | 35, The Broadway, Ealing. |
| Hardy, Ernest Carlisle .. .. | 5, Gainsborough Road, Bedford Park W.4. |
| Harfield, Alfred George .. | Wellesley, Cavendish Avenue, Finchley N.3. |
| Hewlitt, Horace James .. | High Road, Weald Village, Harrow. |
| Hicks, William Rooke, M.I.C.E. | Town Hall, Ealing, W. |
| Hinton, Herbert Arthur .. | 5, Crouch Hill, N. |
| Hodson, Laurence Scrivener | Opposite Great Northern Railway Station, Palmer's Green, N. |
| Hodson, William .. .. .. | 472, West Green Road, N.15. |
| Home, Philip Woollatt .. .. | 58, Avenue Road, Highgate, N.6. |
| Horne, Edmund .. .. .. .. | High Street, Hounslow. |
| Hunt, Herbert Charles.. .. | 33, Broom Water, Teddington, Middlesex. |
| Jarmain, William .. .. .. .. | Alandale, Hatch End. |
| Jarvis, Laurence Alfred .. | 85, Gordon Road, Ealing, W.5. |
| Jeyes, Charles Rix .. .. .. | 70, Dukes Avenue, Muswell Hill, N.10 |
| Lake, Cuthbert .. .. .. .. | Hatch End. |
| Lake, Ralph Julian .. .. .. | Heage House, Crouch Hill, N. |
| Lambert, Arthur John .. .. | 36, Hindes Road, Harrow. |
| Lawley, George Frank .. .. | 38, Willoughby Lane, Tottenham, N. |
| McIlwraith, John Forsyth .. | 20, The Mall, Southgate, N.14. |
| Mann, Percy .. .. .. .. | 30, Lauradale Road, Fortis Green, N.2 |
| Mann, Walter .. .. .. .. | 30, Rosemount Avenue, North Finchley, N.12. |

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| MARTIN, THOMAS .. .. .. | 39, Osborne Road, Palmer's Green, N.13. |
| MONSON, EDWARD CHARLES PHILIP, F.R.I.B.A. .. .. .. | 182, High Street, Acton, W |
| NEWMAN, BERNARD .. .. .. | 19, Villiers Road, Southall, W. |
| NEWMAN, HENRY ARTHUR, A.M.I.C.E. | Council Offices, Church End, Finchley, N. |
| NORMAN, HERBERT JOHN .. .. | Cave House, Uxbridge. |
| PEARCE, FRED W. .. .. .. .. | Surveyor's Office, Town Hall, Twickenham. |
| PERRY, CHARLES WILLIAM .. | 18, Spencer Avenue, Palmer's Green, N.13. |
| PITT, JOSEPH HENRY .. .. .. | 14, Harvist Road, Brondesbury Road, N.W. |
| PORTER, EVELYN DE BOCK .. .. | Valuation Office, 38, Lansdowne Road, Tottenham, N.17. |
| POWER, PERCY TOMES .. .. | c/o Gale, Power & Co., 122, High Street, Staines |
| RACKHAM, HAROLD WILFRED .. | Engineer and Surveyor to Hendon R.D.C., Stanmore. |
| RAYMOND, WALTER LESLIE .. | The Estate Office, Golder's Green, N.W. |
| READ, KENMUIR HARRY, A.R.I.B.A. | Army Vocational Training Centre, Hounslow Heath, Hounslow. |
| READ, WALTER HERBERT .. .. | The Avenue, West Ealing, W. |
| REEVES, CHARLES WESTCOTT .. | Bramshaw, Uplands Park, Enfield. |
| RYLAND, LORENCE .. .. .. | Valuation Department, 72, Clifden Road, Twickenham. |
| SANDELL, STANLEY LUNAU .. | 816, High Road, Tottenham, N. |
| SIMPSON, CECIL JOHN WILLIAM .. | 24, Mount Park Crescent, Ealing, W.5. |
| SLATER, JAMES DENCH .. .. | 20, Blythwood Road, Crouch Hill, N.4. |
| SMITH, GORDON WINTON MACKLIN | Brookfield, Neeld Crescent, Hendon N.W.4. |
| STURT, CHARLES EDWIN.. .. .. | 16, St. Stephen's Gardens, East Twickenham. |
| SUTTON, FREDERICK STANLEY .. | St. Peter's, Hatch End. |
| SYMMONS, PERCY JAMES .. .. | 37, Cranhurst Gardens, Willesden Green, N.W. |
| TAYLOR, CECIL GEORGE .. .. | 35, Coolhurst Road, Crouch End, N.8. |
| TAYLOR, JOHN HENLEY .. .. | Ingleside, Golden Manor, Hanwell, W. |
| TAYLOR, THOMAS OSBORNE .. | 25, Grand Avenue, Muswell Hill, N. |
| WAIN, GEORGE SPARROW .. .. | Valuer's Office, 72, Clifden Road, Twickenham. |
| WESTLAKE, WILLIAM JOHN WALTER .. .. .. .. .. | Clifden House, Brentwood. |
| WILLIS, EDWARD, M.I.C.E., M.I.M.E. | Engineer and Surveyor's Department, Town Hall, Chiswick, W. |
| WOOD, DOUGLAS, A.R.I.B.A. .. | The Cottage, Gordon Avenue, Stanmore. |
| WOOD, JOHN EDWARD .. .. | 3, Baronsfield Road, St. Margarets-on-Thames. |

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|---|---|
| Woods, Arthur George .. .. | 196, High Street, Hounslow. |
| Woods, Thomas .. .. .. .. | 4 and 5, Church Parade, Hounslow. |
| Wraight, George Frederick Harold | District Valuer's Office, 38, Lansdowne Road, Tottenham, N. 17. |
| Wreathall, Robert T. .. .. | 1, Sudbury Parade, Sudbury, N.W. |

PROFESSIONAL ASSOCIATES:

| | |
|---|---|
| Alexander, William Thomas Richard | 64, Wellington Road, Hampton Hill, Fulwell. |
| Appleyard, Sidney Walter .. | 14, Wakefield Road, New Southgate, N.11. |
| Armitage, Frederick George.. | Llanberis, Park Crescent, Church End, Finchley, N.3. |
| Ash, Charles Anthony .. .. | 89, Horsham Avenue, N. Finchley, N.12. |
| Austin, Joseph James Rowles.. | Courtfield, Ealing Common, W.5. |
| Back, George .. .. .. .. | 72, Mayfield Avenue, West Ealing, W.13. |
| Ballentine, David .. .. .. | Lydvilles, Woodcroft Avenue, Mill Hill, N.W.7. |
| Barber, Harry John .. .. | 35, Woodstock Avenue, Golder's Green, N.W. |
| Barry, Arthur Thomas .. .. | 4, Napier Road, Wembley. |
| Barton, Albert Clifford .. | 33A, High Street, Teddington. |
| Beak, Frederick William .. | 94, Furness Road, Harlesden, N.W.10. |
| Bearman, Harry Victor .. .. | Derwent, Bridgewater Road, Woodside Park, N.20. |
| Beaumont, John Edmund .. | 1, Landsown Road, Duke's Avenue, Muswell Hill, N. |
| Bell, Ethelbert Ernest .. | King's Head Hotel, Harrow-on-the-Hill. |
| Berry, Frank Lincoln .. .. | 74A, Holland Road, Harlesden, N.W.10. |
| Bevington, Ernest .. .. .. | 116, Cranley Gardens, Muswell Hill, N. |
| Bigham, Robert Alexander .. | 8, Osborne Road, Willesden Green, N.W.2. |
| Bishop, Horace Stanley Charles | 44, Flanders Road, Bedford Park, W.4. |
| Blake, John Patrick .. .. | Surveyor's Office, Council House, Hounslow. |
| Blyth, Charles Kydd .. .. | 110A, Northview Road, Hornsey, N.8. |
| Booth, Howard Edwin .. .. | 17, Holmwood Gardens, Church End, Finchley, N. |
| Boustred, Hubert William .. | 80, Hanley Road, Stroud Green, N.4. |
| Brewer, Francis Henry James | 73, Stapleton Hall Road, Stroud Green, N.4. |
| Brittain, Frank .. .. .. | 11, Park Road, Chiswick, W. |

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| Brown, Edgar Oswald .. | 6, Russell Gardens, Golders Green, N.W.4. |
| Brown, Edward Walter William .. .. .. .. .. | Erlstoke, Woodhouse Road, N.12. |
| Bruzaud, Sidney John .. .. | 25, Corringham Road, Golder's Green, N.W.11. |
| Buckland, William Thomas .. | Rosendale, Wraysbury. |
| Buckley, Cyril Hugh .. .. | 22, Clyde Road, Alexandra Park. N.22. |
| Bumpstead, Albert Dennis .. | 70, Heath Gardens, Twickenham. |
| Burnett, William John Felix | Fairmead, Beaulieu Villas, Finsbury Park, N.4. |
| Burton, George Frederick .. | 33, Coleridge Walk, Golders Green, N.W.11. |
| Cameron, Donald .. .. .. | 32, Egerton Gardens, Ealing, W.13. |
| Carr, Herbert Francis .. .. | 52, Golders Green Road, N.W.4 |
| Child, George Malcolm .. .. | 66, High Street, Harrow-on-the-Hill. |
| Clark, Robert Charles .. .. | 30, Bedford Road, Harrow. |
| Clarke, Frederick Edward .. | Yew Tree Lodge, Feltham Hill Road, Ashford. |
| Clemens, William Cecil, a.m.i.c.e. | 103, Hodford Road, Golders Green, N.W.11. |
| Cleveley, Frank Davis .. .. | 14, Douglas Avenue, Wembley. |
| Clipson, Samuel.. .. .. .. | Surveyor's Dept., Municipal Offices, Dyne Road, Kilburn, N.W.6. |
| Colbeck, Henry, a.r.i.b.a. .. | 14, Grange Road, Ealing, W.5. |
| Conder, Alfred Rowland f.r.i.b.a. .. .. .. .. .. | 42, Cecile Park, Crouch End, N.8. |
| Cotton, Arthur John Powell.. | 37, Woodberry Avenue, Winchmore Hill, N.21. |
| Cowley, Ernest Robert .. | 78, Gresham Road, Staines. |
| Cranfield, Guy William, Major, o.b.e. .. .. .. .. .. | East Lodge, Enfield Chase. |
| Cullington, Stanley Cyril .. | 85, Farrant Avenue, Wood Green, N.22. |
| Cutmore, Henry James .. .. | 76, Rosebank Avenue, Harrow. |
| Daborn, Alwyne Victor .. .. | 21, Lower Teddington Road, Hampton Wick, Middlesex. |
| Daly, Alan Dunstan .. .. | 4, Marlborough Hill, Harrow. |
| Davies, Leonard Owen .. .. | 11, Freeland Road, Ealing, W. |
| Dawson, Alwyn Hugh Basil .. | 8, Walpole Gardens, Chiswick, W.4. |
| Dixon, Francis Evelyn .. .. | Homeleigh, River Avenue, Palmer's Green, N.13. |
| Donaldson, James .. .. .. | 50, Station Road, Hayes. |
| Done, John Paul Cussons .. | c/o Messrs. Done, Hunter & Co., Cricklewood, N.W.2. |
| Dutch, Robert Victor .. .. | 48, Teignmouth Road, Cricklewood, N.W. |
| Easton, Walter John .. .. | 82, Twyford Avenue, Acton Hill, W. |

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| Elphick, Richard | 4, Palace Mansions, Muswell Hill, N. |
| Every, Cecil Tom | 105, Dartmouth Road, Brondesbury, N.W.2. |
| Farthing, Charles Harold | 6, Station Yard, Twickenham. |
| Faulkner, John Brafield | 5, Craven Park Road, Harlesden, N.W.10. |
| Field, Joseph | 1, Christchurch Avenue, Wembley. |
| Finch, George Frederick | 21, Fortismere Avenue, Muswell Hill, N.10. |
| Fitch, Cyril Henry | 54, Castle Road, Isleworth. |
| Forge, Raymond James | c/o Holland & Co., Argyle Corner, West Ealing Station, W. |
| Fouracre, Frederick Walter | 28, Mountfield Road, Church End, Finchley, N.3. |
| Gardner, Cecil Arthur | 44, Talbot Road, Highgate, N.6. |
| Garnett, Wilfred Ewart | 35, Holyoake Walk, Ealing, W.5. |
| Gasson, Bernard | Ten, Golders Rise, Hendon, N.W.4. |
| Gayer, Alfred Edward, Major, M.C. | North London School of Surveying, 3, Finsbury Park Avenue, Hermitage Road, N.4. |
| Gibbs, Herbert Norman | 7, Mountfield Road, Finchley, N.3. |
| Gibson, William | Templewood, Old Park Ridings, Grange Park, N.21. |
| Gilbert, Arthur | Brooklyn, Enfield Wash, N. |
| Gilbert-Lodge, Leicester James Garfield | 38, Avondale Avenue, Woodside Park, N.12. |
| Godwin, Charles Fisher | Orchard Villa, Wellington Road South, Hounslow. |
| Goodall, Eric William Aldrich | 26, Cromwell Avenue, Highgate, N.6. |
| Gray, Sydney John | 186, Murray Road, Ealing, W.5. |
| Green Herbert Frederick | Town Hall, Hendon, N.W.4. |
| Green, Thomas Frank, F.R.I.B.A. | 272, Willesden Lane, N.W.2. |
| Greenwood, Ernest | 360, High Road, Chiswick, W. |
| Gumbrell, Leonard Barton | 64, King Edward's Grove, Teddington. |
| Hall, Walter Howard A.M.I.C.E. | 46, Queen's Road, Finsbury Park, N. |
| Hallam, Frank Vincent | 55, Adolphus Road, Finsbury Park, N.4 |
| Harding, Henry Norman, Major, M.C. | Milton, Thornbury Road, Isleworth. |
| Hart, Frank James | 106, Sutton Court, Chiswick. |
| Heald, Harry Mair | 3, Alderton Crescent, Hendon, N.W.4 |
| Healy, Harry Prince | 31, Vivian Avenue, Wembley. |
| Heaton, Guy | 103, Uxbridge Road, Ealing, W. |
| Hemmons, Bernard | 10, Cambridge Park, Twickenham. |
| Hill, Sydney Norman | Lansdowne, Baker Street, Enfield. |
| Hilton, Oswald P. F., A.M.I.C.E. | Deputy Surveyor, Council House, Hounslow. |

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| HIRST, CHARLES HENRY, B.SC. .. | The White Cottage, Thornbury Road, Osterley Park. |
| HITCHINS, STEPHEN .. .. .. | 75, Hillfield Park, Muswell Hill, N. |
| HORNE, EDWIN CHANCELLOR .. | 57, Hanworth Road, Hounslow. |
| HOUGHTON, JOHN HENRY .. .. | Blakesware, Cambridge Road, Teddington. |
| HOWE, ROBERT NORMAN .. .. | 45, Dukes Avenue, Muswell Hill, N.10. |
| HUFFELL, ALFRED CHARLES .. | Hewens Corner, Hillingdon Heath, Hayes. |
| HUMPHREYS, REGINALD .. .. | Clifton House, Brentford, W. |
| HUNT, MAURICE LEONARD .. | 9, Drapers Road, Enfield. |
| JACKSON, FRANCIS JOSEPH .. | Ranmore, Thetford Road, Ashford. |
| JOHNSON, RAYMOND EDGAR .. | 47, Cowley Road, Uxbridge. |
| JOHNSON, ROLAND FINNIS .. | 37, Rotherwick Road, Golder's Green, N.W.4. |
| JONES, CHARLES THOMAS .. .. | 124, St. Albans Avenue, Bedford Park, Chiswick, W. |
| JONES, FRANCIS ELMORE .. .. | Fernside, Woodside Park Road, N. Finchley, N.12. |
| KING, GILBERT RIGLEY.. .. .. | Town Hall, Twickenham. |
| KING, HERBERT JAMES .. .. | Station Road, Winchmore Hill, N.21. |
| LAMBERTH, FRANK .. .. .. | 29, Ivy Road, Cricklewood, N.W.2. |
| LEWIS, SIDNEY FORD .. .. | Building Inspector's Dept., Town Hall, Dyne Road, Kilburn, N.W.6. |
| LOGAN, MICHAEL LOAM .. .. | 17, Norman Avenue, East Twickenham. |
| LUCK, GEORGE EDWARD .. .. | Estate Office, Crouch End Station, N. |
| MCBAIN, JOHN .. .. .. .. | 12, Sylvia Gardens, Wembley. |
| MALCOLM-ELLIS, KENNETH .. | 123, Homeleigh Road, Stamford Hill, N.16. |
| MANFIELD, JOHN HENRY .. .. | 12, Fairfield Road, Crouch End, N.8. |
| MARKS, THOMAS EDWARD .. | 30, Wimborne Gardens, Ealing, W.13. |
| MARRIOTT, ROBERT ANDREW .. | 12, Norton Road, Uxbridge. |
| MARSHALL, THOMAS ALFRED | 45, Sutton Court, Chiswick, W.4. |
| MARTIN, ALEXANDER WILLIAM | The Laurels, Marden Road, South Tottenham, N. |
| MERRINGTON, FREDERICK ARTHUR | 22, Clifton Gardens, Golder's Green, N.W.4. |
| MILES, WALTER EDWARD .. .. | 10, Stanhope Gardens, Harringay, N.4. |
| MILLS, BASIL RUPERT .. .. | 32, Curzon Road, Muswell Hill, N. |
| MILLS, ROBERT HENRY .. .. | Frith Manor, Mill Hill, N.W.7. |
| MONTGOMERY, GEORGE .. .. | 24, Montpelier Road, East Finchley, N. |
| MOON, THOMAS ERIC .. .. .. | Tintagel, Clifton Avenue, Church End, Finchley, N.3. |
| MOORE, CHRISTOPHER CONSTABLE | Woodlands, Oakleigh Park, N.20. |
| MORGAN, GEOFFREY FRANK JOHN | Revaluation Dept., Town Hall, Hendon N.W.4. |
| MORGAN, WILLIAM THOMAS .. | Town Hall, Southall. |

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|---|---|
| Newman, Alfred Edward .. | 6, Durant's Road, Ponders End. |
| Nichols, John Lionel .. .. | Vine House, Church Street, Chiswick, W.4. |
| Ord, Richard William .. .. | 9, Spencer Road, Twickenham. |
| Osborne, Edward Sidney .. | The Firs, Nether Street, Church End, Finchley, N.3. |
| Osborne, Philip George .. .. | The Firs, Nether Street, Church End, Finchley, N.3. |
| Pearce, Stephen Harvey .. | Polruan, Conway Road, Southgate, N. |
| Potter, Shirley Herbert .. | 2, Stanhope Gardens, Highgate, N.6. |
| Price, Eric Arthur .. .. | 92, Holden Road, N.12. |
| Pullen, Harold William .. | 21, Dickenson Road, Crouch Hill, N.8. |
| Quilter, Henry .. .. .. .. | St. Malo, Percy Road, Hampton-on-Thames. |
| Ratcliff, William Watts .. .. | The Willows, West Drayton. |
| Richardson, Arthur Reeves .. | 28, Asmuns Hill, Golders Green, N.W.11 |
| Rickets, Reginald Herbert .. | 15, Sandhills, Shepperton. |
| Roberts, Howard .. .. .. | 42, Clifton Gardens, Golders Green, N.W.11. |
| Rowe, Basil Arthur .. .. | Council Offices, Dyne Road, Kilburn. |
| Rowe, Howard Charles .. | 59, Anson Road, Cricklewood, N.W.2. |
| Scales, Arthur Alfred .. .. | 53, Morley Road, East Twickenham. |
| Sexton, George William Francis | Rosemont, Christchurch Avenue, Brondesbury Park. N.W. |
| Shearer, James Hughan, a.r.i.b.a. | 1, Bigwood Road, Golder's Green, N.W.11. |
| Shelley, William Lincoln .. | 28, Beatrice Road, Finsbury Park. N. |
| Sich, Percy Bertram Wardell | Norfolk House, The Mall, Chiswick, W. |
| Skinner, Charles William .. | 87, Mount Pleasant Road, N.15. |
| Smith, Harry Vincent .. .. | 34, Sherborne Gardens, Ealing, W. |
| Smith, John Harold .. .. | 160, High Street, Uxbridge, W. |
| Speed, Sydney Charles .. .. | 2, Little Park Gardens, Enfield. |
| Stedman, Charles Frederick | 6, Leeland Terrace, West Ealing, W.13 |
| Stevens, Leslie Alfred Emile | 269, Archway Road, Highgate, N.6. |
| Streather, Reginald .. .. | 24, Elms Avenue, Hendon, N.W.4. |
| Stubbing, Richard Webb .. .. | 14, Queen Anne's Gardens, Bush Hill Park, Enfield. |
| Sturt, Leslie .. .. .. .. | Highgate Station (G.N.R.), N. |
| Symes, Alfred George .. .. | Ashton, Cecil Park, Pinner. |
| Talbot, Cecil Gordon .. .. | 1, Birchwood Mansions, Muswell Hill N.10. |
| Taylor, William Graham .. | 59, Lynton Road, Springfield Park, Acton. |
| Taylor, William Kenneth Wentworth | Engineer's and Surveyor's Department U.D.C., Willesden. |
| Thomas, James Hugh Tremayne | 7, Woodville Road, Ealing, W. |
| Thomson, James Black, a.m.i.c.e. | Town Hall, Southall. |
| Thorpe, William Frederick .. | Town Planning Dept., Town Hall Hendon, N.W.4. |

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| Tivendale, Thomas .. .. .. | Highgate Station, G.N.R., N. |
| Toley, Ernest Albert .. .. | Lensdene, Church Road, Hanwell, W.7. |
| Toley, Frank .. .. .. .. | The Grove, Hanwell, W.1. |
| Toll, Stanley .. .. .. .. | 69, Callcott Road, Brondesbury, N.W. |
| Toovey, James Rowland .. | 19, Cecil Road, Wealdstone. |
| Townsend, Edward Aldridge | 10, River Front, Enfield. |
| Trinder, William Merrick .. .. | 44, Claremont Road, Teddington. |
| Trumper, Richard William .. | 27, Blakesley Avenue, Ealing, W.5. |
| Turns, Leslie Walter .. .. | 92, Upper Tollington Park, Finsbury Park, N.4. |
| Vinter, Pamplin Mauldin .. | 5, High Road, Wood Green, N. |
| Waggett, Cyril Frederick William | Little Fosters, Bramber Road, North Finchley. |
| Ward, Raymond John .. .. | 25, Uxbridge Road, Hanwell, W.7. |
| West, Philip .. .. .. .. | 104, Brondesbury Road, Kilburn, N.W. |
| West, Sydney Henry .. .. | 15, The Mall, Ealing, W.5. |
| Whesker, John Edward .. .. | 20, Grenoble Gardens, Palmers Green, N.13. |
| Whitefield Stanley Parkin | 94, The Avenue, Ealing, W. |
| Wilkes, Sidney Marshall .. | 45, Lady Margaret Road, Southall. |
| Wintle, Arthur .. .. .. | 39, Park Road, Hampton Hill. |
| Wood, Percy John .. .. .. | 103, Florence Road, Stroud Green, N. |
| Woolacott, Harry Stanley .. | 108, Mayes Road, Wood Green, N.22. |
| Woolnough, Tom .. .. .. | Oakleigh, 182, Chase Side, Southgate, N.14. |
| Worth, George Pearce .. .. | The Homestead, Windmill Road, Ealing, W. |
| Young, M. R. Caruth .. .. | Leonie, Eastbury Avenue, Northwood. |

PROBATIONERS:

| | |
|---|---|
| Arundel, Hugh Rivers .. .. | Field House, Bishopswood Road, Highgate, N.6. |
| Batchelor, Frank William .. | 40, Eagle Road, Wembley. |
| Bettesworth, Sidney Albert | 53, Hindes Road, Harrow. |
| Biscoe, Ronald George .. .. | 3, Greenhill Road, Harrow. |
| Bostock, Ernest .. .. .. | 133, Kingston Road, Teddington. |
| Burrell, Joseph Alexander .. | The Grange, Harlesden Road, N.W.10. |
| Chubb, Frederick Walter .. | 31, Noel Road, Acton, W.3. |
| Clarke, Alfred John .. .. | 78, Hanley Road, Stroud Green, N.4. |
| Dale, Kenneth Kirkham .. | 21, Bessborough Road, Harrow. |
| Davies, Wilfred Vaughan .. | 83, Fairfax Road, Teddington. |
| Davis, Cyril Percy .. .. .. | Southcot, Victoria Road, Mill Hill, N.W.7. |
| Desch, Harold Ernest .. .. | Park Side, Church Lane, Tottenham, N.17. |
| Dewick, Edward Charles .. | Dunsford, Headstone Lane (Parkfield). |
| Dunphy, Lawrence Herbert .. | 10, Barlow Road, Acton, W.3. |

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| Evans, Wilfrid .. .. .. .. | 5, Beverley Gardens, Golders Green, N.W. |
| Griffiths, Arthur .. .. .. | 2, The Triangle, Hampton. |
| Grover, Herbert Clifford .. | 62, The Mall, Southgate, N.14. |
| Handover, Frederick William | 16, Newburgh Road, Acton, W.3. |
| Hartshorne, Cyril Ernest .. | 26, Shrewsbury Road, Southgate, N.11. |
| Hemens, Arthur Edmund .. | 13, Thornton Avenue, Chiswick, W.4. |
| Heuser, Frederick George Henry .. .. .. .. .. | North Hyde Lodge, Southall. |
| Hing, Oscar Lionel Manson .. | 3, Churchfield Road, W. Acton. |
| Jeffries, Maurice Edward .. | 38, Craven Park, Harlesden, N.W.10. |
| Lawes, Cecil Frederick .. .. | 61, Drayton Bridge Road, Ealing, W.7. |
| Lock, John Matthew Boys .. | 19, Torrington Park, North Finchley, N.12. |
| Maggs, Charles Theophilus .. | 12, Butler Road, Harrow. |
| Matthews, Harold Marten .. | 51, Barrington Road, Crouch End, N.8. |
| Moore, Alfred Stephen .. .. | Woodlands, Oakleigh Park, N.20. |
| Nitsch, Maurice Arthur.. .. | 43, Inglis Road, Ealing, W.5. |
| Palmer, Horace .. .. .. | 55, Lordship Lane, Wood Green, N.22. |
| Pearson, Andrew Thomas Noel | 15, Hardwick Road, Palmers Green, N.13. |
| Peck, Frederick Edward .. | Four Oaks, Hatch End. |
| Pickard, Geoffrey Harry .. | 24, Woodland Gardens, Muswell Hill, N.10. |
| Pither, Thomas Clifford Lewington .. .. .. .. | The Cottage, Woodridings, Hatch End. |
| Pratley, Raymond Edward .. | c/o W. J. Ross, Brent Station, Highfield Avenue, Golders Green, N.W.11. |
| Price, Ernest Hope .. | 34, Preston Gardens, Willesden, N.W.10. |
| Real Reginald Walter .. | 100, Butler Road, Harrow. |
| Rose, James Luke .. .. .. | 29, Julian Avenue, Horn Lane, W.3. |
| Skrimshire, Samuel George .. | Harrovian Lodge, Pinner Road, Northwood. |
| Sweett, Cyril .. .. .. .. | Westcombe, Oxgate Gardens, Cricklewood, N.W.2. |
| Symmons, Gilburt Roy .. .. | 37, Cranhurst Road, N.W.2. |
| Thompson, William .. .. .. | 8, Crescent Gardens, Wimbledon Park, S.W.19. |
| Waggett, Harold Victor .. | Kingston, Friern Park, N. Finchley, N.12. |
| Wheeler, Eric Murray .. .. | 67, Holden Road, Woodside Park, N.12. |
| Windrum, Terence Walter Fletcher | 94, Colney Hatch Lane, Muswell Hill, N.10. |

STUDENTS:

| | |
|---|---|
| Abel, Sidney Vivian .. .. | 100, Ilex Road, Willesden. |
| Basham, Gilbert Thomas.. .. | 114, Argyle Road, West Ealing, W.13. |
| Biscoe, Guy .. .. .. .. | 3, Greenhill Road, Harrow. |

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|---|---|
| BROWN, ALWYN CLIFTON .. .. | 21, High Street, Southall. |
| COLBURN, LESLIE THOMAS .. .. | 18, The Broadway, Mill Hill, N.W. |
| DAVIS, JOHN PHILIP .. .. .. | 81, Middle Lane, Hornsey, N.8. |
| FOSTER, CHARLES GORDON ENGLAND .. .. .. .. .. | Eldwich, Hampton Hill. |
| FOWLER, ANGLESEY ALBERT WILLIAM .. .. .. .. .. | Anglesea, Pinner Road, North Harrow. |
| GREVILLE, SYDNEY HALPIN .. | 3, Lonsdale Villas, Wembley. |
| HARRISON, FRANCIS LLEWELLYN | 44, Featherstone Road, Southall. |
| SANFORD, JAMES RAY .. .. | Portland Lodge, Teddington. |
| TARRANT, ERIC ALEXANDER CHARLES | 132, Hanover Road, Brondesbury Park, N.W.10. |
| UNDERWOOD, REGINALD ARTHUR | 51, St. George's Road, Golders Green, N.W.11. |

## MONMOUTHSHIRE.

(Wales (South) and Monmouthshire Branch.)

*Names of Monmouthshire Members are* INCORPORATED *in South Wales Division.*

## NORFOLK.

(Cambridge, Huntingdon, Norfolk, and Suffolk Branch.)

FELLOWS:

| | |
|---|---|
| BECK, ARTHUR CLEMENT .. .. | Castle Rising, King's Lynn. |
| *BECK, EDWARD WILLIAM .. .. | 16, Bank Street, Norwich. |
| BUCKINGHAM, CLAUDE SOMERSET.. | 43A, Prince of Wales' Road, Norwich. |
| CASTLE, MALCOLM ARTHUR .. | Bridge Auction Mart, Yarmouth. |
| EASTER, WILLIAM .. .. .. .. | Wiggenhall St. German, King's Lynn. |
| FALCON, MICHAEL .. .. .. .. | Horstead House, Norwich. |
| GOWING, CHARLES TOWLER .. .. | Old Bank of England Court, Queen Street, Norwich. |
| HAWKE, ROLAND WELSTEAD .. | Horning, Norfolk. |
| HAWKINS, EDWARD ROBINSON .. | The Old Rectory, Southacre, King's Lynn. |
| HAWKINS, LANCELOT GOULDER .. | Downham Market. |
| HORNOR, BASSETT FARDELL, D.S.O. | Old Bank of England Court, Queen Street, Norwich. |
| HORNOR, FRANCIS .. .. .. .. | Old Bank of England Court, Queen Street, Norwich. |
| HUMPHERY, WILLIAM OVERTON | Fakenham. |
| IRELAND, EDWIN BENJAMIN.. .. | Bank Buildings, Norwich. |

| | |
|---|---|
| Mills, Samuel Mealing .. .. | 2, Upper King Street, Norwich. |
| Morgan, Benjamin Brauford .. | 1, Upper King Street, Norwich. |
| Oldfield, Claude Courtenay | 54, Regent Road, Great Yarmouth. |
| Parfitt, Gerald Arthur .. .. | Waterworks Lodge, Heigham, Norwich. |
| Powell, Wallace Gerald .. | City Engineer's Office, Norwich. |
| Savill, Alfred .. .. .. .. | Hill House, Dilham, Norwich. |
| Smith, Edward .. .. .. .. | 1, High Street, Mundesley. |
| Smith, Quentin Cullen .. .. | 1, High Street, Mundesley. |
| Waters, Frank .. .. .. .. | 30, Cattle Market Street, Norwich. |
| Widdicombe, Charles Edwin .. | Valuation Department, King's Lynn. |
| Wright, Samuel Ware .. .. | 97, Lichfield Road, Great Yarmouth. |
| Wright, William Edward .. | King's Lynn. |

PROFESSIONAL ASSOCIATES:

| | |
|---|---|
| Apthorpe, Henry Guy .. .. | 104, Victoria Road, Diss. |
| Arnold, Harry Hagon .. .. | 9, Prince of Wales Road, Norwich. |
| Barnham, George William .. | Griston, Watton. |
| Daniels, Reginald Arthur .. | The Alliance Chambers, 56, London Street, Norwich. |
| Ellis, Thomas Gywnne .. .. | County Land Agent, Shirehouse, Norwich. |
| Fielding, Kenneth Hubert .. | 2, Upper King Street, Norwich. |
| Gibson, Reginald John Campbell .. .. .. .. .. | 51, Park Lane, Norwich. |
| Gowing, Claud Gambling.. .. | White Hall, Sprowston, Norwich. |
| Hedley, Hubert Frederick .. | 26, Bolingbroke Road, Aylsham Road, Norwich. |
| Jolly, William John .. .. | St. Audrey's, Thetford. |
| Miles, Owen .. .. .. .. | 10, Regent Street, Great Yarmouth. |
| Mills, John Russell Mealing | 2, Upper King Street, Norwich. |
| Priest, Bernard .. .. .. | The Estate, Riddlesworth Hall, Thetford. |
| Rayner, William Dex Lea, M.B.E.. .. .. .. .. .. | Glengarif, Wroxham. |
| Roberts, Herbert John .. | Lexham Hall, Estate Office, King's Lynn. |
| Rodwell, Lionel Helm .. .. | The Estate Office, Threxton, Watton. |
| Salter, William Eric .. .. | Attleborough, |
| Smith, Frank Hall .. .. .. | Surveyor's Office, Sheringham. |
| Spelman, Clement Franklin Rix .. .. .. .. .. .. | 17, Bank Plain, Norwich. |
| Thatcher, Ivan James .. .. | King's Lynn Docks and Railway Co. General Manager's Office, King's Lynn. |
| Wright, Albert .. .. .. | 101, Earlham Road, Norwich. |

PROBATIONERS:

| | |
|---|---|
| Arnold, Algernon Frederic .. | Jesselton, Unthank Road, Norwich. |
| Gaze, William Benjamin Aston | Crown Street, Diss. |
| Morgan, Eric Richard .. .. | 209, Unthank Road, Norwich. |
| Wilson, Henry Holt .. .. | Snape Hill, Rickinghall, Diss. |

STUDENT:

| | |
|---|---|
| Holme, Frank Phillips .. .. | Headingley, Essex Street, Norwich. |

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## NORTHAMPTONSHIRE.

(Leicestershire, Northamptonshire, and Rutland Branch.)

FELLOWS:

| | |
|---|---|
| Bletsoe, Henry Hopkinson .. | Thrapston. |
| Cave, Thomas Newman .. .. | Horton. |
| Croft, Christopher .. .. .. | The Elms, Dallington. |
| *Dickson, Thomas Arthur .. | 17, Debdale Road, Wellingborough. |
| Jessup, David Pooley.. .. .. | County Chambers, Northampton. |
| Marsh, Frederick Stephen .. | 7, Park Avenue, Northampton. |
| Merry, Thomas .. .. .. .. | 9, Abington Street, Northampton. |
| Pendered, Richard Dudley .. | The Wigwam, Hatton Park Road, Wellingborough. |
| Samson, Horace Lucas .. .. | County Land Agent, Cross Street, Peterborough. |
| Sowels, William Clowes .. .. | Preston Capes, Byfield. |
| Stops, Herbert Jackson .. .. | Wood Burcote Court, Towcaster. |

PROFESSIONAL ASSOCIATES:

| | |
|---|---|
| Bletsoe, Thomas Henry .. .. | Thrapston. |
| Brown, Edgar Oswald .. .. | R.E. Office, Weedon. |
| Brown, John, Lieut.-Col.. .. | 83, St. Giles Street, Northampton. |
| Clarke, Percy Christopher .. | Longthorpe, Peterborough. |
| Farnsworth, William Charles.. | c/o Berry Bros. & Bagshaw, Kettering. |

| | |
|---|---|
| GILL, ROBERT .. .. .. .. .. | Moray House, Blisworth. |
| GILLITT, JOHN .. .. .. .. | 2, Castle Street, Wellingborough. |
| HARRISON, CYRIL H. GILMORE .. | Great Brington, Northampton. |
| JOHNSON, HERBERT THOMAS .. | Resident Engineer, Works & Buildings Dept., R.A.F. Aerodrome, Wittering, Wansford, Peterborough. |
| KIRBY, WILLIAM AUBREY .. .. | c/o Berry Bros. & Bagshaw, Market Place, Kettering. |
| RIDGWAY, IVOR .. .. .. .. | Heathencote, Towcester. |
| WHITTON, HAROLD WILLIAM .. | County Court, County Chambers, Northampton. |
| WOOLDRIDGE, ARTHUR MAINWARING .. .. .. .. .. | 193, Alrington Avenue, Northampton |

PROBATIONERS:

| | |
|---|---|
| EDWARDS, CHARLES OWEN .. | Great Brington, Northampton. |
| FATT, MAURICE SELWYN .. .. | The Laurels, Milton, nr. Northampton |
| IRESON, JOHN, JUNR. .. .. | Glenthorne House, Yaxley, nr. Peterborough. |
| KELLY, OLIVER CUTHBERT .. | 44, Hazelwood Road, Northampton. |
| MARTIN, ERIC FRANK .. .. .. | Holly Bank, Rockingham Road, Kettering. |

STUDENT:

| | |
|---|---|
| WRIGHT, NORMAN HORACE .. | Highfields, Broadway, Peterborough. |

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## NORTHUMBERLAND.

**(Northumberland and Durham Branch.)**

FELLOWS:

| | |
|---|---|
| ALLEN, JOHN PARNELL, MAJOR | Victoria Buildings, Grainger Street West, Newcastle-on-Tyne. |
| ARMSTRONG, HENRY .. .. .. | Collingwood Buildings, Collingwood Street, Newcastle-on-Tyne. |
| *ARMSTRONG, THOMAS JOHN .. | 14, Hawthorn Terrace, Newcastle-on-Tyne. |
| AYNSLEY, ROBERT JOHN .. .. | Fencer Hill, Gosforth, Newcastle-on-Tyne. |
| BARNES, HARRY .. .. .. .. | Summerhill Grove, Newcastle-on-Tyne. |

| | |
|---|---|
| BURCH, HERBERT .. .. .. .. | 17, Eldon Square, Newcastle-on-Tyne. |
| *CLARK, JOHN MCCLARE .. .. | Haltwhistle, and Hexham. |
| CONNELL, EDWIN JAMES .. .. | Trinity Buildings, 25, New Bridge Street, Newcastle-on-Tyne. |
| DAVIS, ARCHIBALD HINKLEY .. | 26, Cloth Market, Newcastle-on-Tyne. |
| DUNS, ROBERT HARBOTTLE .. | 51, Cherryburn Gardens, Fenham, Newcastle-on-Tyne. |
| *EDGE, FREDERIC JAMES, M.I.C.E. | 38, Blackett Street, Newcastle-on-Tyne. |
| FORSTER, THOMAS EMERSON .. | 3, Eldon Square, Newcastle-on-Tyne. |
| HACKETT, WILLIAM JENNENS, M.B.E. | 25, Coquet Terrace, N. Heaton, Newcastle-on-Tyne. |
| HARDIE, EBENEZER ROBERT .. | 9, Sunbury Avenue, Newcastle-on-Tyne. |
| HINES, HERBERT .. .. .. .. | 46, Pilgrim Street, Newcastle-on-Tyne. |
| HOLDSFORTH, HAROLD, O.B.E. .. | 17, Eldon Square, Newcastle-on-Tyne. |
| JAMES, CHRISTIAN HUGH .. .. | Rudchester, Wylam-on-Tyne. |
| KILLICK, ANTHONY EDWARD .. | 10, Eldon Square, Newcastle-on-Tyne. |
| KIRKBY, REGINALD GUY, F.R.I.B.A. | 17, Rosebery Crescent, Jesmond, Newcastle-on-Tyne. |
| MCGHIE, CHARLES .. .. .. .. | 38, Collingwood Buildings, Collingwood Street, Newcastle-on-Tyne. |
| METCALFE, WILLIAM .. .. .. | North Moor Lodge, Westfield Drive, Gosforth. |
| MILLS, FREDERICK PETER .. .. | 47, Linden Road, Gosforth, Newcastle-on-Tyne. |
| MUSGRAVE, THOMAS HAROLD .. | 17, Eldon Square, Newcastle-on-Tyne. |
| OLIVER, CHARLES EDWARD .. | 8, Bristol Terrace, Newcastle-on-Tyne. |
| ROBERTS, DAVID ALAN .. .. | 44, Harley Terrace, Gosforth. |
| ROBSON, JOHN TEMPLE .. .. | Alnwick U.D.C., Alnwick. |
| ROBSON, WALTER .. .. .. .. | Leazes Gate Villa, Spital Tongues, Newcastle-on-Tyne. |
| ROWE, ALFRED EDWARD PASSMORE | 46, Rothbury Terrace, Heaton, Newcastle-on-Tyne. |
| SAMPLE, WILLIAM COLLINGS .. | Bothal Castle, Morpeth. |
| *SANDERSON, WILLIAM WAITE, C.B.E. .. .. .. .. .. .. | Underwood, Riding Mill. |
| *SCOTT, JAMES .. .. .. .. | 16A, Pilgrim Street, Newcastle-on-Tyne. |
| SCOTT, JOHN .. .. .. .. .. | 17, Eldon Square, Newcastle-on-Tyne. |
| SMITH, STANLEY ADDISON .. .. | Trinity Buildings, New Bridge Street, Newcastle-on-Tyne. |
| TAYLOR, HARRY WILLIAM, A.M.I.C.E. | Cathedral Buildings, Dean Street, Newcastle-on-Tyne. |
| *TOWNEND, WILLIAM .. .. .. | Messrs. T. B. Sanderson & Townend, 3, Mosley Street, Newcastle-on-Tyne. |
| TURPIN, WILFRID .. .. .. .. | 18, Eldon Square, Newcastle-on-Tyne. |

## PROFESSIONAL ASSOCIATES:

| | |
|---|---|
| Adamson, Thomas Robert .. | 27, Grove Street, Newcastle-on-Tyne. |
| Aynsley, Douglas Farrer .. | 24, Wolveleigh Terrace, Gosforth, Newcastle-on-Tyne. |
| Baty, Reginald Elphinstone | 47, Blackett Street, Newcastle-on-Tyne |
| Bowes, Osborne Johnstone .. | 25, New Bridge Street, Newcastle-on-Tyne. |
| Clough, William Howe .. .. | 8, Simonside Terrace, Heaton, Newcastle-on-Tyne. |
| Faddy, Charles Edwin .. .. | 1A, Holly Avenue, Wallsend-on-Tyne |
| Fox, John Harper Graham.. .. | Wyndale, Belgrave Parade, Newcastle-on-Tyne. |
| Herdman, Thomas Adam .. .. | Tynedale, Westerhope, near Newcastle-on-Tyne. |
| Hill, Thomas Cuthbertson .. | 4, Cavendish Place, Jesmond, Newcastle-on-Tyne. |
| Ker, Arthur Preston.. .. .. | County Land Agent, 17, Claremont Place, Newcastle-on-Tyne. |
| Liddell, John George Walton | Chesters Estate Office, Humshaugh. |
| McKerrow, James Weir, A.M.I.C.E. | Corporation Waterworks, Town Hall, North Shields. |
| Megoran, Edwin Taylor Dale.. | 55, Grosvenor Street, West Hartlepool. |
| Mellows, Frederick William | 2, Brook Street, Whitley Bay. |
| Mentz, Allan .. .. .. .. | 18, Eldon Square, Newcastle-on-Tyne |
| Morgan, Alfred .. .. .. | Parkside, Whickham, near Newcastle-on-Tyne. |
| Nixon, Ernest .. .. .. .. | 23, Oaklands, Gosforth, Newcastle-on-Tyne. |
| Patten, John .. .. .. .. | 18, Bailiffgate Street, Alnwick. |
| Pearson, Norman Hanson .. .. | 11, Argyle Street, Tynemouth. |
| Rickards, Clement Archbold Ross .. .. .. .. .. .. | 24, Albany Gardens, Whitley Bay. |
| Sawyers, Sydney Milton .. .. | 5-7, Grafton Street, Byker, Newcastle-on-Tyne. |
| Smith, Herbert Gordon .. .. | Sunnyside, Monkseaton. |
| Stringer, Rhodes .. .. .. | Askern, Alwinton Terrace, Gosforth, Newcastle-on-Tyne. |
| Summers, James William .. | 10, Neville Street, Newcastle-on-Tyne |
| Teasdale, George Nicholas .. | 18, Vicarage Street, North Shields. |
| Town, Henry Annandale .. .. | 25, St. George's Terrace, Jesmond, Newcastle-on-Tyne, and 5, Market Street, Newcastle-on-Tyne. |
| White, William.. .. .. .. | 137, Pilgrim Street, Newcastle-on-Tyne. |
| Wood, Herbert Calvert .. .. | Chesters Estate Office, Humshaugh-on-Tyne, S.O. |

ASSOCIATE:

| | |
|---|---|
| Wheldon, Robert William .. | Agricultural Dept., Armstong College. |

PROBATIONERS:

| | |
|---|---|
| Clark, John .. .. .. .. | Ashcroft, Haltwhistle. |
| Clements, Russell Matthew.. | 14, Roseberry Crescent, Jesmond, Newcastle-on-Tyne. |
| Edge, Thomas William Jenkinson .. .. .. .. | Ashleigh, Elmfield Park, Gosforth. |
| Reid, John Kerr .. .. .. | 11, Warrington Road, Newcastle-on-Tyne. |
| Townend, William Brooke .. | Stanmore, Beechfield Road, Gosforth, Newcastle-on-Tyne. |

STUDENTS:

| | |
|---|---|
| Davidson, John Edward .. .. | Haydon Bridge. |
| Kirk, William Richardson .. | 1, South Street, Alnwick. |
| Reed, Charles Stanley .. .. | 29, Springbank Road, Jesmond, Newcastle. |

## NOTTINGHAMSHIRE.

(Nottingham, Lincoln and N. Derby Branch.)

FELLOWS:

| | |
|---|---|
| Bearn, Arthur Frederick .. | 8, Oxford Street, Nottingham. |
| Booth, Arthur .. .. .. .. | Albion Chambers, King Street, Nottingham. |
| *Brackett, Wm. Newbegin .. | Market Place, Retford. |
| Browne, Eustace Montagu .. | 21, The Drive, Nottingham. |
| Clarke, Robert, Capt. | Wheeler Gate Chambers, Nottingham. |
| *Clements, Cyril John .. .. | 19, Watson Avenue, Mansfield. |
| Edgington, Walter, B.A. .. | Whitehouses, Retford. |
| Farley, George Henry .. .. | 24, Park Row, Nottingham. |
| German, Harry .. .. .. | Estate Office, Newstead Abbey, Linby. |
| Goodacre, John Frank Johnson, Lic.R.I.B.A. .. .. .. | 19, Park Street, Worksop. |
| Goodchild, Ralph Harry .. | 4, Belgrave Square, Goldsmith Street, Nottingham. |

| | |
|---|---|
| HARRISON, FREDERICK .. .. .. | 1, Redcliffe Road, Nottingham. |
| *HUSKINSON, THOMAS WM. .. .. | Epperstone Manor, Nottingham. |
| LISTER-KAYE, CHARLES WILKINSON | Kingston House, North Carlton, Worksop. |
| MAGGS, LEONARD .. .. .. .. | The Hollies, Walnut Grove, Radcliffe-on-Trent. |
| NESBITT, JOHN OSCAR .. .. .. | 8, Oxford Street, Nottingham. |
| *PAIN, WILLIAM HENRY .. .. | Kingston House, North Carlton, Worksop. |
| PERCY, RICHARD FREDERICK, M.I.M.E. .. .. .. .. .. | 10, Ebers Road, Nottingham. |
| RICHARDSON, ARNOLD RICHARD | Albion Chambers, King Street, Nottingham. |
| ROBERTSON, WILLIAM ANDREW .. | The Rosary, East Leake. |
| SHAW, CHRISTOPHER PEARSON .. | Esk Dale, Bingham, Nottingham. |
| TAYLOR, WILLIAM HENRY .. .. | 23, King Street, Nottingham. |
| TURNER, THOMAS WARNER .. .. | Langwith Lodge, Mansfield. |
| *WALKER, JOSHUA.. .. .. .. | Bridge Offices, Bridgegate, Retford. |
| WALTON, ARTHUR ATKINSON .. | Exchange Walk, Nottingham. |
| *WEETMAN, WILLIAM CHARLES CUMMING .. .. .. .. .. | Estate Office, Osberton, Worksop. |
| WIGRAM, JOHN.. .. .. .. .. | South Collingham, Newark. |
| *WOOLLEY, REGINALD SMITH .. | South Collingham, Newark. |
| *WRIGHT, CHARLES WILLIAM, M.A. (*Cantab.*) .. .. .. .. .. | 21, Parkinson Street, Nottingham. |

## PROFESSIONAL ASSOCIATES:

| | |
|---|---|
| BAGNALL, HAROLD WILLIAM .. | Guildhall, Nottingham. |
| CARTER, GEORGE RALPHS .. .. | District Valuer's (County) Office, Upper Parliament Street, Nottingham. |
| CHILD, EDMUND HERBERT, A.R.I.B.A. | 12, Middle Pavement, Nottingham. |
| COX, ALBERT EDWARD .. .. | Belmont, Robinson Road, Mapperley |
| CUNDY, THOMAS JAMES .. .. | Linby, Nottingham. |
| ELLIOTT, AUSTIN HOOTON, A.M.I.C.E. | Wharncliffe, Alexandra Avenue, Mansfield. |
| GEAKE, HERBERT .. .. .. | 27, Elm Avenue, Nottingham. |
| HALLAM, HENRY ARTHUR .. .. | 8, Low Pavement, Nottingham. |
| HARDY, CUTHBERT .. .. .. | 63, Portland Road, West Bridgford Nottingham. |
| HAYLOCK, HENRY EVENNETT .. | 19, Trinity Square, Nottingham. |
| LANE, NATHANIEL MONTAGUE .. | Leeming Chambers, Leeming Street Mansfield. |
| MORRIS, HENRY ROWLAND .. .. | Shire Holdings Dept., Shire Hall, Nottingham. |
| MUGGLESTONE, CYRIL .. .. | 17, Portland Street, Pleasley Hill Mansfield. |

| | |
|---|---|
| RUTHERFORD, JOHN SEYMOUR .. | Carnarvon Estate Office, Bingham, Nottingham. |
| TOMLINSON, FRED .. .. .. | c/o Mrs. Shooter, Park Place, Worksop. |
| TURNER, DOUGLAS WARNER.. .. | Langwith Lodge, Mansfield. |
| WIGRAM, HENRY JOSEPH .. .. | Whitehouses, Retford. |
| WILLIAMS, WORTHINGTON ERIC .. | Guildhall, Nottingham. |
| WILSON, JAMES CALVERT .. .. | Newcastle Estate Office, The Park, Nottingham. |

PROBATIONERS :

| | |
|---|---|
| MUNDY, GEORGE THEOPHILUS .. | 183, Cinder Hill Road, Bulwell, Nottingham. |
| NEEDHAM, FRANK CARLISLE .. | 38, Bute Avenue, Lenton Sands, Nottingham. |

STUDENTS:

| | |
|---|---|
| BRACKETT, WILLIAM ROBINSON .. | 4, Limetree Avenue, Retford. |
| SMITH, FREDERICK RAYMOND .. | 8, Sunnyside, Worksop. |

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## OXFORDSHIRE.

(Berks, Bucks, and Oxon Branch.)

FELLOWS.:

| | |
|---|---|
| *HOLIDAY, PERCY CAVE .. .. | Bicester. |
| JONES, FRANCIS WILLIAM .. .. | 2, Frewin Court, Corn Market Street, Oxford. |
| JONES, FRANK CECIL .. .. .. | Frewin Court, Corn Market Street, Oxford. |
| JONES, MONTAGUE WILLIAM .. .. | Frewin Court, Corn Market Street, Oxford. |
| LANHAM, LAURENCE, O.B.E. .. .. | 6 and 7, Broad Street, Oxford. |
| MAXWELL, JOSEPH ARCHIBALD.. | 21, Marlborough Road, Banbury. |
| PENNINGTON, ERNEST, N.D.A., N.D.D. .. .. .. .. .. | Market Square, Bicester. |
| *SIMMONS, SIR W. ANKER, K.B.E. | Henley-on-Thames. |
| THRING, DOUGLAS THEODORE .. | Merton College, Oxford. |
| WATSON, DAVID ALEXANDER .. | Estate Office, Watlington. |
| WISE, FREDERICK JOHN .. .. | 21A, High Street, Banbury. |

### PROFESSIONAL ASSOCIATES :

| | |
|---|---|
| BENHAM, MAURICE VICTOR .. .. | Land Agency Office, Chipping Norton. |
| BRIDGES, ARCHIBALD .. .. .. | Institute of Research in Agricultural Economics, Parks Road, Oxford. |
| CHARLES, MICHAEL THOMAS, B.A. (*Cantab.*) .. .. .. .. .. | Fruitlands, Eynsham. |
| COCKERTON, ARTHUR EDMUND | County Surveyor, Oxford. |
| FERRIS, EDWARD HOLLIS .. .. | 24, Vicarage Road, Henley-on-Thames. |
| GALE, HENRY NEWLYN .. .. .. | Estate Office, Nuneham, near Oxford. |
| GURNEY, SIDNEY JOHN .. .. | Llanberis, Hernes Road, Oxford. |
| HILL, THOMAS GOUNDREY .. .. | The Nook, Foxcombe Hill, Oxford. |
| LEE, NORMAN ALFRED .. .. .. | Coombehurst, Wallingford. |
| MCFIE, BERNARD JOHN STEWART | 7, Southwood Road, Oxford. |
| MAMMATT, GERALD ARTHUR.. .. | c/o Messrs. Habgood & Innocent, Witney. |
| MORSE, DUDLEY WALTER .. .. | Kirtlington, Oxford. |
| ROSE, EDWARD JOSEPH.. .. .. | 58, Corn Market Street, Oxford. |
| WILLIAMS, CHARLES .. .. .. | 6 and 7, Broad Street, Oxford. |
| WORRALL, BERTRAM .. .. .. | Rectory Farm House, Steeple Aston, Oxford. |

### ASSOCIATES :

| | |
|---|---|
| ORWIN, CHARLES STEWART, HON., M.A. (*Oxon.*). | School of Rural Economy, Parks Road, Oxford. |
| SOMERVILLE, WILLIAM, M.A., D.SC. | 121, Banbury Road, Oxford. |

### PROBATIONERS :

| | |
|---|---|
| FELLOWES, WILLIAM ALBEMARLE | Rangers Lodge, Charlbury. |
| KING, JAMES LOCKHART .. .. | 26, Western Road, Henley-on-Thames. |
| MESSENGER, WILFRED ERNEST .. | Elmsyde, Banbury Road, Oxford. |

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## RUTLANDSHIRE.

(Leicestershire, Northamptonshire, and Rutland Branch.)

### FELLOWS :

| | |
|---|---|
| BURROUGHES, CHARLES FITZPATRICK .. .. .. .. .. .. | Kelton Cottage, Stamford, Lincs. |
| ROYCE, DAVID NEEDHAM .. .. | Oakham. |

## SHROPSHIRE.

(Salop, Hereford, and Mid-Wales Branch.)

### FELLOWS:

| | |
|---|---|
| ADDIE, JOHN HEATHCOTE, LIEUT.-COL., C.B.E. .. .. .. | Raven Chambers, Shrewsbury. |
| BATHER, JOHN T. .. .. .. .. | 9, The Square, Shrewsbury. |
| DAVIS, ALFRED THOMAS, MAJOR, M.I.C.E. | Consulting Surveyor, Milton Lodge, Sutton Road, Shrewsbury. |
| EDWARDS, RICHARD .. .. .. | Cefnymaes, Oswestry. |
| EVANS, WILLIAM ERNEST .. .. | School Gardens, Shrewsbury. |
| *HALL, WILLIAM TIMOTHY .. .. | College Hill, Shrewsbury. |
| LAKE, BERNARD .. .. .. .. | 10, St. Alkmunds Square, Shrewsbury. |
| LYNES, HUMPHREY DOD .. .. | Lydbury House, Lydbury North. |
| MORRIS, WILLIAM HENRY .. .. | Monksfield, Chirbury. |
| NEWILL, ROBERT HENRY .. .. | Essex Lodge, All Stretton, Church Stretton. |
| PEARCE, HUBERT WILLIE .. .. | 1, Church Street, Wellington. |
| RAFFETY, HERBERT WILLIAM .. | Valuation Department, Inland Revenue, Shrewsbury. |
| *TOWER, BROWNLOW RICHARD CHRISTOPHER .. .. .. .. | Bridgewater Estate Office, Ellesmere. |
| WELSH, HUGH .. .. .. .. | Willey Estate Office, Broseley. |
| WILLIAMS, CHARLES BERNARD, CAPT., M.C. .. .. .. .. | Salop House, Oswestry. |
| WYLEY, HENRY CHARLES .. .. | Newmarket Buildings, Bridgnorth. |
| YOUNG, THOMAS JOHN .. .. | Harper Adams College, Newport. |

### PROFESSIONAL ASSOCIATES:

| | |
|---|---|
| BAKER, ALFRED BARNET .. .. | 5, Lime Terrace, Shrewsbury. |
| CLARK, WILLIAM CAMPBELL .. | Ruckley Estate Office, near Shifnal. |
| EVANS, THOMAS HUGH .. .. | c/o Messrs. Burd & Evans, School Gardens, Shrewsbury. |
| GOLDING, ALAN CHARLES .. .. | Harper Adams Agricultural College, Newport. |
| GRIFFITH-ROBERTS, THOMAS WILLIAM .. .. .. .. .. | 52, Queen Street, Shrewsbury. |
| HICKMAN, ARTHUR MURHALL .. | Pride Hill Chambers, Shrewsbury. |
| HUNT, HARRY .. .. .. .. | c/o Hall, Wateridge & Owen, Shrewsbury. |
| KING, JOHN LEONARD .. .. | Divisional Surveyor's Office, Wem. |
| KITCHING, HUBERT VAUX .. .. | Hanmer, Whitchurch. |
| KNAPP, ROBERT ELI .. .. .. | Whittington, Oswestry. |
| MINIFIE, WILLIAM, JUN. .. .. | Wootton, Bridgnorth. |

| | |
|---|---|
| MURRAY, LAWRENCE JOSEPH .. | Valuation Office, Inland Revenue, 15, Belmont, Shrewsbury. |
| PRICE, WILLIAM THOMAS .. .. | Harper Adams Agricultural College, Newport. |
| RAMSDEN, GEORGE .. .. .. | Town Hall, Market Drayton. |
| RAYDEN, JOHN MARKETT .. .. | The Forestry Commission, Castle Chambers, Shrewsbury. |
| WATERS, PHILIP DUNCAN JOSEPH .. .. .. .. .. | Calcote House, Bicton, Shrewsbury. |
| WYNNE, THOMAS STANLEY .. | Black Rock, Mount Street, Shrewsbury. |
| YOUNG, DAVID WILBERFORCE, M.B.E. .. .. .. .. .. | Raven Chambers, Shrewsbury. |

PROBATIONERS:

| | |
|---|---|
| GATENSBURY, CHARLES EDWARD | Raven Chambers, Castle Street, Shrewsbury. |
| MCDOWALL, JAMES .. .. .. | c/o W. Everall, Exchange Office, Shrewsbury. |

STUDENT:

| | |
|---|---|
| ADDIE, THOMAS ROBYN FORRESTER .. .. .. .. .. | Barnfield, Radbrook, Shrewsbury. |

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## SOMERSETSHIRE.

(Gloucester, Somerset, and North Wilts Branch.)

FELLOWS:

| | |
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| ANDREWS, WILLIAM FREDERICK | 97, Buckingham Road, Brighton. |
| ANSELL, DOUGLAS GEORGE.. .. | c/o W. G. Ansell, c/o Lloyds Bank, 116A, Western Road, Brighton. |
| ATKINSON, CLIFFORD GARNETT .. | Horsham U.D.C., Town Hall Chambers, Horsham. |
| AYLING, JOHN .. .. .. .. .. | 17, Richmond Place, Brighton. |
| BAILEY, ALFRED CECIL .. .. | The West Worthing Auction and Estate Offices, Worthing. |
| BATES, PERCY .. .. .. .. | 60, Preston Street, Brighton. |
| BEALE, DONALD OLAF CHRISTOPHER | Uckfield. |
| BENTON, GERALD SYDNEY.. .. | 14, Norfolk Road, Brighton. |
| BESCOBY, HARRY BERNARD .. | Guestling, Hastings. |
| BRISSENDEN, CHARLES COOPER .. | Butts, Cousley Wood, Wadhurst. |
| BURRELL, FRANK .. .. .. | 22, Ship Street, Brighton. |
| BURSTOW, RALPH HENRY .. .. | 43, Station Road, Bexhill-on-Sea. |
| BURT, WALTER LESLIE .. .. | Penland, Steyning. |
| BUSH, ARTHUR BRINSLEY .. .. | c/o The Estate Office, Lewes. |

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| Bush, Dennis George .. .. | c/o Powell & Co., The Estate Offices, Lewes. |
| Calff, George Stuart.. .. .. | Mill Lodge, Seaford, and Terminus, Buildings, Seaford. |
| Campbell, Cyril Herbert .. | Richmond Cottage, Slindon. |
| Carpenter, Robert Henry .. | "Parkwood," St. Swithuns Terrace, Lewes. |
| Chapman, Frederick Montague | West Dean, Chichester. |
| Chennells, Arthur John .. | c/o Wilkinson, Son & Welch, 170, North Street, Brighton. |
| Child, Charles .. .. .. .. | Slinfold, near Horsham. |
| Clifton, Charles .. .. .. .. | 6, Clifton Road, Brighton. |
| Cotching, George Frederick .. | 26, Chapel Road, Worthing. |
| Cutts, Edward James .. .. | 99, Pevensey Road, Eastbourne. |
| Deacon, Edwin Thomas .. .. | 70, Ship Street, Brighton. |
| Dove, James Faith .. .. .. | 20, Burlington Place, Eastbourne. |
| Draper, Frederick Charles .. | 22, Greenfield Road, Old Town, Eastbourne. |
| Edwards, Lancelot Reginald.. | Glen Lyn, King Henry's Road, Lewes. |
| Eeles, Henry Swanston .. .. | Bayham Estate Office, Frant. |
| Fowler, Clement Harwood .. | Oakcroft, Cowfold. |
| Gardner, Geoffrey Gilbert .. | Hendall, Crawley. |
| Graves, Paul Kingsley .. .. | 117, North Street, Brighton. |
| Hardiman, Harry .. .. .. | 6, Wellington Gardens, Battle. |
| Hemming, Gordon Wayte .. | 70, Ship Street, Brighton. |
| Hewett, Richard .. .. .. | 13, High Street, Battle, Hastings. |
| Hodson, Anthony George.. .. | Sunnybank, Kingston Road, Lewes. |
| Holman, Luther Martin .. .. | Brooklyn, Ditchling Road, Brighton. |
| Howlett, Arthur Royce .. .. | High Street, Hurstpierpoint. |
| Howse, Frederick Thomas Lane .. .. .. .. .. .. | The Poplars, Beckley. |
| Innes, Gilbert Plantagenet Mitchell .. .. .. .. .. | Woodside, Peasmarsh. |
| James, Harry .. .. .. .. | The Park, Arundel. |
| King, Eric Frank Hulme, B.A. (*Cantab.*) .. .. .. .. | Park Farm, Horsham. |
| Lucas, Joseph .. .. .. .. | 22, East Ascent, St. Leonards-on-Sea. |
| Macer, Alfred Thomas .. .. | 1, Windsor Road, East Worthing. |
| Malcolm-Ellis, Kenneth .. | 12, Hertford Road, Worthing. |
| Maplesden, James William .. | 5, Middle Row, East Grinstead. |
| Maynard, John Edward .. .. | 1, Collington Avenue, Bexhill-on-Sea. |
| Mellor, James Frederick .. .. | 110, St. James's Street, Brighton. |
| Mitchell, Jack Harold .. .. | Sunnygarth, East Grinstead. |
| Monahan, Arthur William .. | 43, Sackville Gardens, Hove. |
| Moody, Walter Norris .. .. | Westdene, Milton Road, Eastbourne. |
| Morse, Arthur Percy .. .. | 83, Beaconsfield Villas, Brighton. |
| Newington, Caleb Rickman K. .. | The Kennel, Pyecombe, Hassocks. |
| Overton, Percy .. .. .. | 3, Albion Mansions, Marine Parade, Hastings. |

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| PARKER, BELTRAN WILLIAM .. | Framfield Road, Buxted. |
| PARKS, WALTER .. .. .. .. | 51, Havelock Road, Hastings. |
| PAYNE, ERNEST ALBERT DENISON | 14, Warwick Street, Worthing. |
| PEGLER, FRANK REGINALD .. | Peacehaven Estates, Peacehaven, near Newhaven. |
| PEIRCE, RICHARD GEORGE .. .. | Borough Surveyor's Office, Worthing. |
| PENNINGTON, RICHARD WATSON | Cowbeech House, near Hailsham. |
| POWELL, HUMPHREY CROFTS .. | 38, Wilbury Road, Hove. |
| PRIOR, ARTHUR SPARKS, LIC.R.I.B.A... .. .. .. .. | 31, Montpelier Crescent, Brighton. |
| RAMPTON, FREDERICK .. .. | 41, Ditchling Rise, Brighton. |
| RAYSON, WILLIAM JAMES .. .. | 56, Sackville Road, Bexhill. |
| ROLFE, CHARLES BERTRAM .. | 48, Clarendon Villas, Hove. |
| ROWLAND, FRANK SKINNER .. | Smithbarn Lane, Horsham. |
| RUSSELL, ERNEST, CAPT., R.E. .. | 80, The Highway, Moulsecoomb, Brighton. |
| SCEATS, DOUGLAS BRIANT .. .. | 28, Station Road, Bexhill-on-Sea. |
| SEVERS, CHARLES COCHRANE .. | 67, The Avenue, Lewes. |
| SMITH, GEORGE STUART ST. JOHN | Ivy House, High Street, Uckfield. |
| SMITH, HAROLD SANKEY .. .. | Great Sanders Estate Office, Sedlescombe. |
| STRIDE, WALTER OSBORN .. .. | Messrs. Stride and Son, 63, East Street, Chichester. |
| TAYLOR, GEORGE AUSTEN .. .. | Fairhaven, Plumpton. |
| THORPE, RAYMOND WILLIAM .. | 46, Western Road, Hove. |
| TREGEAR, REGINALD WILLIAM | 6, London Road, Bognor. |
| UDNY, AUGUSTUS CHARLES .. .. | 142, Springfield Road, Brighton. |
| ULLYETT, LESLIE GEORGE STANTON | c/o Patching & Co. (opposite Station), Worthing. |
| UPTON, THOMAS HERBERT .. .. | Estate Office, Burton Park, Petworth. |
| WALLIS, CHARLES HENRY .. .. | Borough Surveyor's Office, Worthing. |
| WEIR, EDWARD .. .. .. .. | Municipal Technical College, Brighton. |
| WEST, SIDNEY HERBERT .. .. | North House, Portslade. |
| WHEELER, ERNEST DETTMAR .. | Walton House, Grand Avenue, W. Worthing. |
| WHEELER, PERCY HARRISKINE .. | Easebourne, Midhurst. |
| WHITEMAN, OBED ARTHUR JOHN | 46, Sackville Road, Hove. |
| WILLOUGHBY, FRANK .. .. .. | Maylands, London Road, Hailsham. |
| WOOD, RAYMOND HERBERT .. | Rose Leigh, Cranston Road, East Grinstead. |

ASSOCIATES :

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| FREEMAN, GEORGE MALLOWS, K.C. .. .. .. .. .. .. | The Grey Friars, Winchelsea. |
| WOOLNOUGH, JOHN WILLIAM .. | 14, Seaside Road, Eastbourne. |

## PROBATIONERS:

| | |
|---|---|
| Cattermole, Eric Charles .. | Hazelwick, Balcombe Road, Cuckfield. |
| Chamberlain, Stanley James .. | 53, New Road, Littlehampton. |
| Clarke, Cyril Alexander .. | 9, Victoria Terrace, Kingsway, Hove. |
| Cole, George Charles .. .. | Brandwood, Broadbridge Heath, Horsham. |
| Cornelius, Bernard James .. | Town Hall Chambers, Horsham. |
| Dancy, Eric.. .. .. .. .. | 153, Dyke Road, Brighton. |
| de Silva, Walter Raymond .. | c/o Parsons, Son & Basley, 147, North Street, Brighton. |
| Dulake, Thomas Sowerby .. | Crown Hotel, Lewes. |
| Eaton, Edmund John Beck .. | The Highlands, St. Leonards-on-Sea. |
| Evans, Alfred George .. .. | 520, Portland Road, Hove. |
| Golding, Cecil Arthur .. .. | 72, Preston Road, Brighton. |
| Hodgkinson, Francis Henry .. | 9, Warrior Square Terrace, St. Leonards-on-Sea. |
| Longley, Basil .. .. .. .. | The Beeches, Crawley. |
| Mason, Austin Elliott .. .. | Tortington Manor, Arundel. |
| Payne, Douglas Charles .. | Lansdowne Lodge, Westbrook, Worthing. |
| Pope, Philip Montague .. .. | 42, Tisbury Road, Hove. |
| Saunders, Edmund Barnard.. | Fridays Hill Cottage, Fernhurst. |
| Sharman, Eric Arthur .. .. | Farleigh, Osmond Road, Hove. |
| Shed, Jack George Herbert .. | South Cottage, Morris Road, Lewes. |
| Smith, Maurice Giles .. .. | Millfield, Allington Road, Newick. |
| Tollit, Francis John .. .. | 11, Sussex Square, Brighton. |
| Tollit, Gerald Andrew .. .. | 11, Sussex Square, Brighton. |
| Tomkins, George Edward .. | The Grange, Dorothy Road, West Hove. |
| Welling, Ronald Herbert .. | 5, Nevill Crescent, Lewes. |
| West, Eric William Arthur .. | 8, Montpelier Place, Brighton. |

## STUDENTS:

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| Croysdill, Leslie Clifford .. | 8, Leopold Road, Brighton. |
| Hall, Arthur Richmond Craig | 13, St. Michael's Place, Brighton. |
| Hodgson, Arthur Geoffrey Sanford .. .. .. .. .. | Westons Place, Warnham. |
| Holman, Maurice George .. | 32, South Road, Hailsham. |
| Huggett, Ronald Noël .. .. | 50, Motcombe Road, Eastbourne. |
| Mackenzie, John Douglas Stevenson .. .. .. | West Dean, Chichester. |
| Martin, John Pattinson .. .. | Franche, Westdown Road, Seaford. |
| Pilcher, Charles Dennis.. .. | 117, North Street, Brighton. |

| | |
|---|---|
| Pugh-Cook, Richard Jasper Jewell .. .. .. .. .. | Walmer Croft, Selsey. |
| Russell, Anthony Jack Hilton | Badgergate, Cadborough, Rye. |
| Sendall, Leslie Frederic .. | Holmdale, Arthur Road, Horsham. |
| Sharp, John Neville .. .. | 46, Beaconsfield Villas, Brighton. |
| Whatley, William George .. | The Cottage, Melrose Hall, Wilbury Road, Hove. |

## WARWICKSHIRE.

(Warwick, Worcester, Stafford and South Derby Branch.)

### FELLOWS:

| | |
|---|---|
| Abrams, John Edward .. .. | Kirkstall, Kingsheath, Birmingham. |
| Bagnall, Joseph Ernest .. .. | Queen's College, Paradise Street, Birmingham. |
| Bailey, Cecil Henry .. .. | 13, Bennett's Hill, Birmingham. |
| Bailey, Thomas Henry .. .. | 13, Bennett's Hill, Birmingham. |
| Bettridge, John C. L. .. .. | The Moorings, Union Road, Shirley, near Birmingham. |
| Bigwood, Ernest Guy .. .. | 158, Edmund Street, Birmingham. |
| Bigwood, Ernest J. .. .. .. | 158, Edmund Street, Birmingham. |
| Bocking, Thomas George .. | 13, Bennett's Hill, Birmingham. |
| *Bolam, Charles Godfrey .. | Holbrook Grange, Rugby. |
| Bond, Walter Benjamin .. .. | 14, Temple Street, Birmingham. |
| Collins, Leonard Keyte.. .. | 1, Newhall Street, Birmingham. |
| Cox, Frank Thomas, Lt.-Col., D.S.O. | 9, Vernon Road, Edgbaston, Birmingham. |
| Crapp, Frederick Elliott .. | c/o J. K. Dale, 117, Colmore Row, Birmingham. |
| Dale, John Kirkham .. .. | 117, Colmore Row, Birmingham. |
| Dawson, George Crosbie .. .. | 19, Priory Row, Coventry. |
| Dean, William .. .. .. .. | Valuation Dept., 18, Bennett's Hill, Birmingham. |
| Fayerman Alec George Percy, Major .. .. .. | 57, The Parade, Leamington. |
| Floyd, Arthur Noel .. .. .. | Messrs. Dixon & Floyd, 83, Colmore Row, Birmingham. |
| Fowler, Gerard Edmund.. .. | Colmore House, 21, Waterloo Street, Birmingham. |
| *Fowler, Richard.. .. .. .. | 35, Silverbirch Road, Erdington, Birmingham. |

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| FOWLER, WILLIAM .. .. .. .. | 69, Temple Row, Birmingham. |
| GLOVER, CECIL MILLER .. .. | Daimler House, 33, Paradise Street, Birmingham. |
| GODFREY-PATON, WALTER .. .. | 2, Bridge End, Warwick. |
| HARRIS, ARNOLD ELSMERE .. .. | 117, Colmore Row, Birmingham. |
| HAYWARD, FRANK .. .. .. | 39 & 40, Temple Street, Birmingham. |
| HOBBS, REGINALD ARTHUR .. | 128, Colmore Row, Birmingham. |
| HOOTON, LEONARD STANWELL .. | 10, Northgate Street, Warwick. |
| HUTCHINGS, WILLIAM ARTHUR .. | Durley Cottage, Sutton Coldfield. |
| JONES, URWICK MEREDITH .. .. | Warwick Chambers, Corporation Street, Birmingham. |
| KEYTE, JOSEPH RUSHBROOKE .. | Ebrington, Alderbrook Road, Solihull. |
| LAKIN-SMITH, ERNEST .. .. .. | Colmore House, 21, Waterloo Street, Birmingham. |
| LANCASTER, SIDNEY JAMES .. | Rates Office, Edmund Street, Birmingham. |
| LEWIS, GEORGE .. .. .. .. | 33, Newhall Street, Birmingham. |
| *LUDLOW, BRIG.-GENERAL WALTER ROBERT, C.B. | 19, Temple Street, Birmingham, and Lovelace Hill, Solihull. |
| *MATHEWS, LEWIS OSLER, M.A. (*Cantab.*) .. .. .. .. .. | 12, Waterloo Street, Birmingham |
| MIDDLETON, ALAN EDWIN, CAPT. | 47, The Parade, Leamington Spa. |
| MILLS, DANIEL .. .. .. .. | Valuation Office, Inland Revenue, Union Chambers, Coventry. |
| MILNE, JAMES LOGIE .. .. .. | 43, Cannon Street, Birmingham. |
| NICHOLLS, CHARLES WILLIAM .. | Estate Office, Ministry of Munitions, Holbrook Lane, Coventry. |
| PAIN, GEORGE LLOYD .. .. .. | 5, Vicarage Road, Leamington. |
| PEARSE, OCTAVIUS BURROUGHES.. | Foxhill, Dyott Road, Moseley, Birmingham. |
| PINNEY, FREDERICK WYLDBORE DIGBY .. .. .. .. .. .. | 6, Waterloo Street, Birmingham. |
| PINSON, GILBERT .. .. .. .. | Cobden Buildings, Corporation Street, Birmingham. |
| *RAIKES, COLONEL GEORGE WHITTINGTON .. .. .. .. | Woodville, Leamington. |
| RALPHS, WALTER.. .. .. .. | 1, Waterloo Street, Birmingham. |
| RANDALL, AUGUSTINE ST. GEORGE | District Valuer's Office, Union Street, Coventry. |
| ROWSE, ANTHONY .. .. .. | 117, Colmore Row, Birmingham. |
| SILK, CHRISTOPHER .. .. .. | 33, Newhall Street, Birmingham. |
| SMITH, FRANK .. .. .. .. .. | 104, Colmore Row, Birmingham. |
| SOUTHORN, CHARLES HERBERT .. | 38, The Parade, Leamington Spa. |
| TAIT, WILLIAM IRONSIDE, MAJOR, O.B.E. | Ministry of Transport, Broad Street Chambers, Easy Row, Birmingham. |
| TAYLOR, ARTHUR F. .. .. .. | 3, Woodfield Road, King's Heath, Birmingham. |

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| TAYLOR, FRANK GEOFFREY .. .. | 39, Newhall Street, Birmingham. |
| TAYLOR, GEORGE SYLVESTER .. | Queen's College, Paradise Street, Birmingham. |
| TERRY, ARTHUR ELLIOTT .. .. | District Valuer's Office, 18, Bennett's Hill, Birmingham. |
| TURNER, FRED WETHERELL .. .. | 32, Coton End, Warwick. |
| TYPE, MARCUS OSWALD.. .. .. | 87, Edmund Street, Birmingham. |
| WAY, LIONEL HUGH .. .. .. | 82, Ruskin Chambers, 191, Corporation Street, Birmingham. |
| WEBB, WALTER WILLIAM .. .. | 14, Temple Street, Birmingham. |
| WELSH, HUGH.. .. .. .. .. | 1, Portland Place, Leamington Spa. |
| WHITLOCK, FRANCIS JOHN .. .. | Bank Street, Rugby. |
| WILLIAMS, JOHN LEWIS .. .. | 47, Temple Row, Birmingham. |
| *WILLMOT, JOHN .. .. .. .. | 6, Waterloo Street, Birmingham. |

PROFESSIONAL ASSOCIATES:

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| ALGAR, STANLEY .. .. .. | Borough Engineer's Office, Town Hall, Leamington Spa. |
| ARCHER, HARRY BARTON .. .. | 26, Belvedere Road, Coventry. |
| ASH, HORACE JAMES, A.R.I.B.A... | 17, Bridge Street, Nuneaton. |
| ASHLEY, REGINALD WALKER.. .. | Brae Lodge, Mickleton Road, Coventry. |
| BALLARD, WILLIAM EDGAR, A.M.I.C.E. | 29, Anderton Park Road, Moseley, Birmingham. |
| BAYLIS, ALFRED WILLIAM.. .. | 128, Colmore Row, Birmingham. |
| BLOORE, HARRY GROSVENOR.. .. | 83, Greenfield Road, Harborne, Birmingham. |
| BOURNE, HARRY GORDON .. .. | 132, Station Road, Wylde Green, Birmingham. |
| BRITTON, BERNARD CHARLES .. | The Nook, Coleys Lane, Northfield, Birmingham. |
| BRYAN, ARTHUR .. .. .. .. | 153, Albert Road, Stechford, Birmingham. |
| BUNTING, ALFRED HENRY .. | 14, Morden Road, Stechford. |
| BURN-CALLANDER, CUTHBERT .. | The Cottage, Barford, Warwick. |
| BUTLER, ARTHUR STANLEY .. | 256, Edward Road, Balsall Heath, Birmingham. |
| CARNABY, HAMMOND RIDLEY, A.M.MUN. & C.E. | 12, Weolay Hill, Selly Oak, Birmingham. |
| CAPPER, WILLIAM.. .. .. .. | Valuation Office, Inland Revenue, Union Street Chambers, Coventry. |
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| COOK, FREDERICK CHARLES, D.S.O., M.C. | Ministry of Transport, Broad Street Chambers, Easy Row, Birmingham. |

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| Currall, Edward Percy .. .. | 8, Bernards Road, Olton, Birmingham. |
| Dale, Kenneth Kirkham.. .. | 60, Prospect Road, Moseley, Birmingham. |
| Deakin, Francis Henry .. .. | 52, Calthorpe Road, Edgbaston, Birmingham. |
| Elkins, Charles Henry .. | The College, 27, Binswood Avenue, Leamington. |
| Ellingham, Ernest Joseph .. | Yiewsley, Warren Road, Hillmorton, near Rugby. |
| Fitch, John Thomas, A.M.I.C.E. .. | 45, Smallbrook Street, Birmingham. |
| Francis, Thomas John Philip .. | 98, Northfield Road, King's Norton, Birmingham. |
| Frazier, Gordon Stuart .. .. | 19, Prospect Road, Moseley, Birmingham. |
| Green, Frederick Sidney .. .. | 106, Taylor Road, King's Heath, Birmingham. |
| Hedley, Michael Thompson .. | Canwell, Sutton Coldfield, near Birmingham. |
| Hedley, Reginald Thomas Fenwick .. .. .. .. .. | 31A, Colmore Row, Birmingham. |
| Hendy, Alfred .. .. .. .. | 39, Barras Lane, Coventry. |
| Hill, Victor Falkland .. .. | c/o L. J. Milne & Bourne, 43, Cannon Street, Birmingham. |
| Hingley, Joseph Bloomer.. .. | Bank Chambers, Nuneaton. |
| Holbeche, Nigel Laurence .. | 21, Bennett's Hill, Birmingham. |
| Howkins, Gilbert .. .. .. | The Elms, Crick, Rugby. |
| Jones, Percy Beaumont .. | 86, Station Road, King's Norton. |
| Kuphal, Francis William .. | 15, Russell Road, Hall Green, Birmingham. |
| Lea, Percy Lister Zair .. .. | 19, Cannon Street, Birmingham. |
| Lees, Eric Christopher Lingham .. .. .. .. .. | 18, Jury Street, Warwick. |
| Lowe, Robert Edward Nicholls | 681, Pershore Road, Selly Park, Birmingham. |
| Macmahon, John Francis .. | 98, Fentham Road, Birchfield, Birmingham. |
| McNicol, John, A.R.I.B.A. .. .. | Town Panning Assistant, Midland Joint Town Planning Advisory Committee, The Council House, Birmingham. |
| Mathews, Oliver Lewis .. .. | 12, Waterloo Street, Birmingham. |
| Matthews, Henry James.. .. | 28, Willis Street, Birmingham. |
| Neale, John Humphrey .. .. | 18, St. Albans Road, Moseley, Birmingham. |
| Neale, Thomas Archibald .. | Southfield, New Road, Water Orton, Birmingham. |
| Perkins, Joseph .. .. .. .. | 86, Willows Road, Balsall Heath, Birmingham. |
| Powell, Clive David Allen .. | 40, Woodstock Road, Moseley, Birmingham. |

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| POWELL, MAYNARD HENRY .. | 40, Woodstock Road, Moseley, Birmingham. |
| PREECE, EDWIN THOMAS ORLANDO | 17, Frederick Road, Edgbaston, Birmingham. |
| RAYNER, KENNETH .. .. .. | 34, Benswood Avenue, Leamington Spa. |
| REDFERN, CHARLES FREDERICK .. | c/o Foster and Redfern, 7, Temple Row West, Birmingham. |
| RICHARDS, ROBERT HERBERT .. | Whitehouse Common, Sutton Coldfield. |
| SKIPPER, REGINALD HAYWARD .. | Norfolk Lodge, Lichfield Road, Sutton Coldfield. |
| STEEDS, HERBERT EUSTACE .. .. | c/o Couchman and Steeds, 75, New Street, Birmingham. |
| STOPHER, GEORGE .. .. .. .. | Corbiere, Maurice Road, King's Heath, Birmingham. |
| SUCKLING, WALTER SCOFIELD .. | 45, Newhall Street, Birmingham. |
| TAYLOR, ALFRED MOULTON .. .. | 21, Church Hill, Leamington. |
| TAYLOR, LEONARD JOE .. .. .. | 82, Birmingham Road, Rowley Regis, near Birmingham. |
| THOMPSON, WILLIAM HENRY HARCOURT | 82, Church Road, Moseley, Birmingham. |
| TURNER, DRYSDALE .. .. .. | 82, Ruskin Chambers, 191, Corporation Street, Birmingham. |
| VEAL, WILFRED HENRY .. .. | 174, Showell Green Road, Sparkhill, Birmingham. |
| VICKERY, RAYMOND MILTON .. | The Estate Office, Bournville, Birmingham. |
| WELLER, CYRIL GORDON RAMSAY | 82, Ruskin Chambers, 191, Corporation Street, Birmingham. |
| WILLETTS, JOHN BRADLEY .. | 29, Sandford Road, Moseley, Birmingham. |
| WILLIAMS, CHARLES .. .. .. | Valuation Department, Inland Revenue, Coventry. |
| WILLIAMS, TOM LAWRENCE .. | 26, Friars Road, Coventry. |
| WOOD, HARRY GEORGE.. .. .. | 7, Wellington Road, Handsworth, Birmingham. |

PROBATIONERS:

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| CLARKSON, EDWARD VICTOR .. | 10, Staplehall Road, Northfield, Birmingham. |
| COLLINS, REDVERS FRANK .. .. | 50, Kingscote Road, Edgbaston, Birmingham. |
| DALE, GEOFFREY MONTAGU CUTHBERT .. .. .. .. | 66, Bristol Road, Birmingham. |
| FLOWER, CYRIL .. .. .. .. | 37, Wellesbourne Grove, Stratford-on-Avon. |
| FRENCH, ARTHUR GEOFFREY .. | 7, Lyttelton Road, Edgbaston, Birmingham. |

| | |
|---|---|
| Holloway, Frederick .. .. | 795, Pershore Road, Birmingham. |
| Jolly, Denis Dobell .. .. | Southwood, Ampton Road, Edgbaston, Birmingham. |
| Keeling, Patrick Foxall .. | Brent Knoll, Sutton Coldfield. |
| Osborne, Charles Henry .. | 5, Melville Road, Coventry. |
| Powell, Maynard Henry .. | 40, Woodstock Road, Moseley, Birmingham. |
| Pugh, Norman John .. .. .. | Waterworks House, Spon End, Coventry. |
| Ridgway, William .. .. .. | 29, Clifton Road, Rugby. |
| Timmis, Hatton Henry Ewart | 75, Grantham Road, Sparkbrook, Birmingham. |
| Wainwright, Oswald Arthur | 15, Wellington Road, Edgbaston, Birmingham. |
| Walshe, Harry Willson.. .. | 117, Middlemore Road, Northfield, Birmingham. |
| Wright, Norman Charles .. | 119, Ivor Road, Sparkhill, Birmingham. |

STUDENTS:

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| Bartleet, Guy Hiron .. .. | 135, Tachbrook Road, Leamington Spa. |
| Pepper, John Haswell .. .. | The Croft, Wakegreen Road, Moseley, Birmingham. |

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## WESTMORLAND.

**(Cumberland and Westmorland Branch.)**

**FELLOWS:**

| | |
|---|---|
| **Hoggarth, Arthur .. .. ..** | **Kendal.** |
| **Hoggarth, Lawrence Steele ..** | **St. Abbs, Kendal.** |
| rter, Richard Ewhurst, m.c. | Rydal Estate Office, Ambleside. |
| **u nchard, Frederick Burt ..** | **Fairbank, Kirkby Lonsdale.** |

PROFESSIONAL ASSOCIATES:

| | |
|---|---|
| Adair, William .. .. .. .. | c/o F. B. Punchard, Underley Estate Office, Kirkby Lonsdale. |
| Gibson, William Garnett .. .. | The Bungalow, Windermere. |
| Hardy, Alan .. .. .. .. .. | Gilling Keane, Kendal. |

| | |
|---|---|
| Jackson, Edward Henry .. .. | Rearsby, Windermere. |
| McVey, William James .. .. | Upper Oak Street, Windermere. |
| Vanstone, Frederick William Elliott .. .. .. .. .. | Council Offices, Windermere. |

PROBATIONER:

| | |
|---|---|
| Rowling, Maurice .. .. .. | Beechwood, Kendal. |

STUDENT:

| | |
|---|---|
| Edwards, William Bell .. .. | Holly Bank, Thirlmere, Grasmere. |

## WILTSHIRE (Northern Part).

(Gloucester, Somerset, and North Wilts Branch.)

FELLOWS:

| | |
|---|---|
| Culverwell, George Lane .. | 14, Market Place, Chippenham. |
| Daykin, Harry .. .. .. | "Elmsley," Trowle, Trowbridge. |
| Ferris, George .. .. .. | Milton Manor, Pewsey. |
| Hooper, Alfred Egbert .. | 10, High Street, Marlborough. |
| Llewellyn, Arthur Henry .. | Valuation Department, 1R, Castle House, Trowbridge. |
| Marshall, Lionel Hasler .. | Chippenham. |
| Parker, the Hon. Cecil Thomas | The Grove, Corsham. |
| Puckridge, Percival Martin | Milton Pewsey. |
| Smith, Cyril Herbert .. .. | Chilvester Hill House, Calne. |
| Whitfield, Thomas Ward, F.G.S. | Polebarn House, Trowbridge. |

PROFESSIONAL ASSOCIATES.

| | |
|---|---|
| Bateman, William Herbert, Capt., M.C., A.M.I.C.E. .. .. | Beaumont, Calne. |
| Brown, Percival Wilsdon .. | The Homestead, Burnham Road, Malmesbury. |
| Cutler, Frank Sydney .. .. | Borough Surveyor's Department, Town Hall, Marlborough. |
| Down, Ernest Augustus .. .. | Hodson House, Swindon. |
| Fowler, Thomas Hugh .. .. | Tytherington, Heytesbury. |
| Hutton, George Roy .. .. | Woodrow House, Forest, Melksham. |
| Lees, Randle Burslam .. .. | Woodside, Bradford-on-Avon. |
| Pearson, George Parker .. | Estate Office, Grittleton, Chippenham. |

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| SNAILUM, WALTER WADMAN .. | Church Street, and Wingfield Road, Trowbridge. |
| STEVENS, HERBERT COOPER .. | 6, Barn Street, Marlborough. |
| WATSON, CHARLES WILLIAM .. | 39, Clarendon Road, Trowbridge. |

ASSOCIATE:

| | |
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PROBATIONER:

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## WALES (NORTH).

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(Wales (North) Branch.)

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## WALES (MID).

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**(Salop, Hereford, and Mid-Wales Branch.)**

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| GUNTER, JAMES .. .. .. .. | Estate Office, Glasbury, Radnorshire. |

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| MORRIS, EDWARD HENRY .. .. | Elmhurst, Welshpool, Mongtomeryshire. |
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## WALES (SOUTH).

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| *Alexander, Henry G. S., Colonel | Carrickmore House, Carrickmore, Co. Tyrone. |
| Allen, George .. .. .. .. | Hillsboro', Co. Down. |
| Alton, Henry Bindon .. .. | 84, O'Connell Street, Limerick. |
| Anthony, Ernest John .. .. | 95, Lower Leeson Street, Dublin. |
| *Baillie, John Robert, Colonel | 9, Cambridge Terrace, Leeson Park, Dublin. |
| Barlee, George Hamilton .. | General Valuation Office, Dublin. |
| Barrington, John Beatty .. | Barrington Street, Limerick. |
| Barton, Arthur Pearl .. .. | 6, Ely Place, Dublin. |
| *Barton, Henry Dupre Malkin | The Bush, Antrim. |
| Beamish, William Henry .. .. | 60, South Mall, Cork. |
| Beckett, W. Frank .. .. .. | 6, Clare Street, Dublin. |
| Biller, William Thomas .. .. | 3, Arranmore Road, Herbert Park, Dublin. |
| Blackley, Travers Robert .. | c/o Messrs. Coutts & Co., 440, Strand, W.C.2. |
| Blair, Alexander Henderson | 21, Westland Gardens, Cliftonville, Belfast. |
| Bolton, Samuel H., Capt. .. | 123/4, Scottish Provident Buildings, Belfast. |
| Borrowes, Sir Eustace, Bart. | 49, Rathdown Road, Dublin. |
| Bourchier, Claud J. .. .. .. | Charleville Estate Office, Tullamore, King's County. |
| Bowen, John, r.e... .. .. .. | County Offices, Dungarvon, Co. Waterford. |
| Bowen, John Joseph .. .. | Rathclare, Fermoy, Co. Cork. |
| Boyle, John Charters .. .. | Estate Office, Armagh. |
| Bridge, Henry Powell .. .. | Laragh, Charlton Kings, Cheltenham. |
| Brooks, Albert .. .. .. .. | 17, Chichester Street, Belfast. |
| *Browne, Ernest H. .. .. .. | Caynham, Lansdown Road, Cheltenham. |
| Brunicardi, Dominic N. .. | Valuation Office, 6, Ely Place, Dublin. |
| Burke, Henry Anthony .. .. | Drumkeen, Ballinamallard, Co. Fermanagh. |
| Burke, Martin Joseph.. .. .. | H.M. Office of Works, Dublin. |
| Burke, William Creaghe .. .. | Cloonee, Ballinrobe, Co. Mayo. |
| Callinan, Patrick .. .. .. | 53, Russell Road, W.14 |
| Campbell, Nicholas Peterson | 100. Donore Avenue, South Circular Road, Dublin. |
| Carbury, John .. .. .. .. | 6, Ely Place, Dublin. |
| Carson, William B. .. .. .. | Mendon, Swords, Co. Dublin. |

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|---|---|
| CARTER, THOMAS HENRY .. .. | Estate Office, Mountrath, Queen's County. |
| CHAMBRÉ, C. B. M... .. .. .. | Northland Row, Dungannon, Co. Tyrone. |
| CHATTERTON, ABRAHAM.. .. .. | Kilgarron, Enniskerry, Co. Wicklow. |
| CLARKE, FRANCIS MILLETT .. | 6, Ely Place, Dublin. |
| *CLAYTON, JOHN GRAVES .. .. | 32, Nassau Street, Dublin. |
| COOTE, STANLEY VICTOR, M.A. (*Oxon.*) .. .. .. .. .. .. | "Germains," Chesham, Bucks. |
| COUGHLAN, PATRICK .. .. .. | Clonmel Street, Mitchelstown, Co. Cork. |
| *DICKINSON, CHARLES, B.A. (*Dublin*).. .. .. .. .. .. | 23, South Frederick Street, Dublin. |
| DUNN, CECIL JOSEPH .. .. .. | 7, St. James Terrace, Clonskeagh, Dublin. |
| EDGEWORTH, THOMAS NEWCOMEN | Cherbury, Booterstown, Co. Dublin |
| ELLIS, ERNEST FRANCIS LESLIE .. | St. Austin's, Inch, Co. Wexford. |
| FARRELL, EDWARD FRANCIS, LIEUT.-COLONEL .. .. .. .. | Walterstown, Moynalty, Kells, Co. Meath. |
| FENTUM, CHARLES ALFRED .. | Valuation Office, 6, Ely Place, Dublin. |
| FERGUSON, ACHESON .. .. .. | 2, Wellington Place, Belfast. |
| FERGUSON, JAMES, MAJOR .. | 22, Glandore Avenue, Belfast. |
| *FITZGERALD, PETER DAVID .. .. | Estate Office, Adare, Co. Limerick. |
| FITZHERBERT, BERTRAM .. .. | Black Castle, Navan, Co. Meath. |
| FOWLER, GEORGE H. .. .. .. | Estate Office, Kells. |
| *FRANKS, HARRY (*Member of Council*) .. .. .. .. .. | Woodbrook, Mountrath, Queen's County. |
| GARVEY, TOLER ROBERT .. .. | Estates Office, Birr. |
| GETHIN, RANDOLPH GEORGE, MAJOR, M.B.E. | Estate Office, 17, Beresford Street, Waterford. |
| GLOSTER, THOMAS EDWARD .. .. | Estate Office, Knockdrin Castle, Mullingar, Co. Westmeath. |
| GOOD, THOMAS MORGAN .. .. | 21, Lincoln Place, Dublin. |
| GORMAN, JAMES .. .. .. | 6, Ely Place, Dublin. |
| GREEN, ALBERT THOMAS .. .. | Ministry of Finance, Valuation Branch, 113, Royal Avenue, Belfast. |
| GREGG, JOSEPH C. .. .. .. | 6, Ely Place, Dublin. |
| GUINNESS, HOWARD RUNDELL .. | 16, College Green, Dublin. |
| HALL, DAVID .. .. .. .. .. | 69, South Mall, Cork. |
| HALL, FRANCIS SAMUEL.. .. .. | 8, Westmoreland Street, Dublin. |
| HAMILTON, EDWARD CHETWOOD, MAJOR .. .. .. .. .. .. | 91, Merrion Square, W. Dublin. |
| HARGRAVE, WILLIAM HARRISON, A.M.I.C.E. (*Ireland*) | 68, Grosvenor Square, Rathmines, Co. Dublin. |
| HARVEY, JAS. G. MOREWOOD .. | Northern Bank Buildings, Londonderry. |
| HATTE, WILLIAM MUNDAY .. .. | 6, Molesworth Street, Dublin. |
| HEARD, RICHARD .. .. .. .. | Ballintubber, Carigtwohill & Co., Cork. |

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| HEMPHILL, CHARLES GEORGE CATHCART, MAJOR .. .. .. | 11, Ely Place, Dublin. |
| HEWSON, GEORGE RAWDON MAURICE, CAPTAIN .. .. .. | Dromahaire, Co. Leitrim. |
| HINDE, WILLIAM HENN, M.I.C.E. .. | Selston, Greystones, Co. Wicklow. |
| HUGGARD, WILLIAM .. .. .. | 93, O'Connell Street, Limerick. |
| HUNTER, SAMUEL COYNE .. .. | 2, Wellington Place, Belfast. |
| HUTCHISON, WILLIAM HENRY .. | General Valuation Office, 6, Ely Place, Dublin. |
| JAMESON, ROBERT WILLIAM .. | Ardanoir, Greystones, Co. Wicklow. |
| JOHNSTONE, AUGUSTUS FREDERIC | 39, Upper George Street, Kingstown, Co. Dublin. |
| KENNEDY, MICHAEL A. .. .. .. | Rye Hill House, Monivea, Co. Galway. |
| KIRWAN, DENIS BIRMINGHAM .. | Dalgin, Tuam, Co. Galway. |
| *LEE-NORMAN, ALEXANDER HENRY | Hayne House, Plymtree, near Cullompton, Devon. |
| LE FANU, VICTOR CHARLES .. .. | Estate Office, Bray, Co. Wicklow. |
| LIDDLE, LAURENCE HENRY .. | 6, Ely Place, Dublin. |
| LONGFIELD, HENRY FOSTER .. | Grange Erin, Douglas, Cork. |
| LUKE, WILLIAM .. .. .. .. | 12, Salisbury Avenue, Belfast. |
| LYLE, SYDNEY J., CAPT. .. .. | Ballycastle, Co. Antrim. |
| MCAULEY, JAMES JOSEPH .. .. | 6, Ely Place, Dublin. |
| MCCARTHY, JOHN .. .. .. | 6, Ely Place, Dublin. |
| MCCARTHY, WILLIAM JOSEPH .. | 123, Scottish Provident Buildings, Belfast. |
| MCCLURE, ROBERT NASH .. .. | Estate Office, Tralee, Co. Kerry. |
| MCCONNELL, JOSEPH .. .. .. | 37, Royal Avenue, Belfast. |
| MCMILLAN, JOHN KNOX .. .. | 6, Ely Place, Dublin. |
| MCNAIR, ANDREW THOMSON .. .. | General Valuation Office, 6, Ely Place, Dublin. |
| MCNEILL, JAMES .. .. .. | 113, Royal Avenue, Belfast. |
| MARCHANT, ROBERT .. .. .. | No. 6, Fifth Floor, 2, Wellington Place, Belfast. |
| MAUDE, CHRISTOPHER HUGH .. | Lenaghan, Enniskillen, Co. Fermanagh. |
| MAUNSELL, GEORGE EDWARD SCARLETT .. .. .. .. .. | Burghclere, Newbury, Berks. |
| MAUNSELL, RICHARD EDWARD .. | 6, Merrion Square, N. Dublin. |
| MEDCALF, WILLIAM.. .. .. .. | 6, Clare Street, Dublin. |
| MOERAN, ARCHIBALD EDWARD .. | Portumna Castle, Co. Galway. |
| MONTGOMERY, HARFORD HUGH .. | c/o W. Montgomery and Son, Belfast and Dublin. |
| MONTGOMERY, WILLIAM ALEXANDER MAJOR, D.S.O., C.B.E. .. .. | 2, Howard Street, Belfast. |
| MORAN, PATRICK J. .. .. .. | 3, Windsor Terrace, Kingstown, Co. Dublin. |

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|---|---|
| Murphy, J. H. Burke.. .. .. | Cultra Lodge, Cultra, Co. Down. |
| Nash, Sir Vincent, d.l. .. .. | 85, George Street, Limerick. |
| Newton, Robert .. .. .. .. | Killymeal, Dungannon. |
| O'Brien, Donough Richard .. | 74, O'Connell Street, Limerick. |
| O'Ferrall, Gerald More .. | Edgeworthstown, Co. Longford. |
| Patterson, John Wilson, Major, b.e. | Valuation Office, Atlantic Buildings, Waring Street, Belfast. |
| Pierce, William .. .. .. .. | Shirley Estate Office, Carrickmacross. |
| Polland, James .. .. .. .. | 113, Royal Avenue, Belfast. |
| Power-Steele, William .. .. | General Valuation Office, 5, Ely Place, Dublin. |
| Price, Victor T., b.a. .. .. | 3, Crosthwaite Park, Kingstown, Co. Dublin. |
| Rea, Sinclair Stevenson .. | Ministry of Finance, Valuation Branch, 113, Royal Avenue, Belfast. |
| *Rochfort, William .. .. .. | Cahir Abbey, Cahir, Co. Tipperary. |
| Roe, Robert Benson .. .. | Kingscourt, Wellington Place, Belfast. |
| Russell, Nelson .. .. .. | 64, Royal Avenue, Belfast. |
| Ryan, John .. .. .. .. | 6, Ely Place, Dublin. |
| Sandys, Henry .. .. .. .. | Dargle, Enniskerry, Co. Wicklow. |
| Scott, John Russell .. .. .. | Willsboro', Londonderry. |
| Scott-Kerr, J. .. .. .. .. | 11, Courtfield Gardens, S.W.5. |
| Shellard, Thomas Vincent .. | 23, South Frederick Street, Dublin. |
| Sheppard, Hercules Reid .. | General Valuation Office, Dublin. |
| Shortall, John Francis .. .. | District Office of Public Works, Maryborough, Queens County. |
| Smith, Alfred Edward .. .. | 5, St. Andrew Street, Dublin. |
| Smith, George Young .. .. .. | Stradowan, Omagh, Co. Tyrone. |
| Smith, Roland Ingleby .. .. | Ministry of Finance, 113, Royal Avenue, Belfast. |
| Stephens, John Kyle, m.b.e. .. | 13, Donegall Square North, Belfast. |
| Stephens, Samuel.. .. .. .. | 13, Donegall Square North, Belfast. |
| Stewart, Rt. Hon. George Francis .. .. .. .. .. | Summerhill, Killiney, Co. Dublin. |
| Stewart, Pakenham Thomas .. | Valuation Office, Cork. |
| Stewart, Robert Henry Rynn.. | 6, Leinster Street, Dublin. |
| Studdert, Loftus Adam, Capt. | The Cottage, Lisnaskea, Co. Fermanagh. |
| Sullivan, William C. L. .. .. | 60, South Mall, Cork. |
| Swiney, William D. .. .. .. | Moyagh, Ramelton, Co. Donegal. |
| Synge, Edward .. .. .. .. | Estate Office, Dundrum, Dublin. |
| Taylor, George D. .. .. .. | Chestnut Cottage, Market Hill, Armagh. |
| Townsend, George C. .. .. | Weston, Queenstown, Co. Cork. |
| *Townshend, Charles Loftus .. | 15, Molesworth Street, Dublin. |
| Townshend, Thomas Loftus .. | 15, Molesworth Street, Dublin. |
| Tudor, William .. .. .. .. | 2, Wellington Place, Belfast. |

| | |
|---|---|
| VERNON, HENRY ARTHUR .. .. | Pembroke Estate Office, 1, Wilton Place, Dublin. |
| VERSCHOYLE, WILLIAM HENRY FOSTER .. .. .. .. .. .. | Woodley, Dundrum, Co. Dublin. |
| WARD, WILLIAM JAMES .. .. .. | Valuation Branch, Ministry of Finance, 113, Royal Avenue, Belfast. |
| WARWICK, GEORGE ERNEST .. | Waring Street, Belfast. |
| WELPLY, JAMES .. .. .. .. | 65, George Street, Limerick. |
| WHITE, RICHARD .. .. .. .. | Estate Office, Gowran, Co. Kilkenny. |
| WICKHAM, EDMUND LOFTUS .. | 5, Glentworth Street, Limerick. |
| WILLIS, GILBERT DE LAVAL .. .. | Leconfield Estates Office, Ennis, Co. Clare. |
| WOOD, HUGH MORRISON .. .. | 18, Ormiston Crescent, Knock, Belfast. |
| WOOD-MARTIN, HENRY ROGER BROMHEAD .. .. .. .. .. | Cleveragh, Sligo. |
| *YOUNG, GEORGE LAWRENCE .. | Randalstown, Co. Antrim. |
| YOUNG, ROBERT CHICHESTER | Millimount, Randalstown, Co. Antrim. |

PROFESSIONAL ASSOCIATES:

| | |
|---|---|
| BALMER, JAMES BRICE .. .. | 139-141, Main Street, Bangor, Co. Down. |
| BANTON, LUTHER GEORGE .. .. | 22, Shandon Road, Phibsboro, Dublin. |
| CRAIG, JOSEPH HUGH .. .. .. | Dalkusha, Rosetta Park, Belfast. |
| DALLOW, LEONARD .. .. .. | 51, Moyne Road, Rathmines, Dublin. |
| DARLEY, ROBERT BRADSHAW .. | 50, The Avenue, Ealing West, W.13. |
| DICKSON, JOHN ANDREWS.. .. | Rockland Villas, Newcastle, Co. Down. |
| DUNLOP, CHARLES JOHN, M.R.I.A.I. | 18, Ely Place, Dublin. |
| FERGUSON, WILLIAM HARVEY .. | 36, Arthur Street, Belfast. |
| FOWLER, CHARLES KNOX .. .. | Bagenalstown House, Co. Carlow. |
| GAHAN, ROBERT BERESFORD, CAPTAIN | Donaguile House, Castlecomer, Co. Kilkenny. |
| HAMILTON, JAMES EASTWOOD .. | 78, West Side, Clapham Common, S.W.14. |
| HARKNESS, WILLIAM ALFRED .. | 22, Crescent Villas, Iona Road, Glasnevin. |
| HARVEY, JAMES MOREWOOD.. .. | Creglorne, Londonderry. |
| LILBURN, HARRY KENT .. .. | Dunedin, Antrim Road, Belfast. |
| LOWDEN, DAVID, JUN. .. .. | Rangemore, Burton-upon-Trent. |
| MCAULEY, BRUCE .. .. .. | Moyleen, Deramore Park South, Belfast. |
| MCCANN, FELIX CHARLES .. .. | c/o Messrs. Montgomery & Son, 2, Wellington Place, Belfast. |
| MCCONNELL, ROBERT MELVILLE TERENCE .. .. .. .. .. | 37, Royal Avenue, Belfast. |
| MARTIN, WALTER RIDDELL .. .. | Roebuck Grove, Clonskea, Dublin. |
| MOLONY, WILLINGTON .. | 38, Waterloo Road, Dublin. |

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|---|---|
| Monard, Stanley Hopkirk .. | 10, Donegal Street, Belfast. |
| Montgomery, Cecil Vincent .. | 43, Upper Beechwood Avenue, Ranelagh, Dublin. |
| Moore, Hugh Armytage .. .. | Rowallane, Saintfield, Co. Down. |
| Sheridan, William .. .. .. | 5, Bedford Street, Belfast. |
| Stephenson, Chambre Corcor Stillington .. .. .. .. | Corcastle, Innishannon, Co. Cork. |
| Taylor, Ernest Frederick Noel | Cnoc Aoibinn, Temple Park Avenue, Blackrock, Co. Dublin. |
| Thornton, Samuel West.. .. | Rosedale, Killiney, Co. Dublin. |
| Tudor, Cecil William .. .. | 216, Upper Newtownards Road, Bloomfield, Belfast. |

PROBATIONER :

| | |
|---|---|
| Ogilby, Robert .. .. .. .. | 185, Ormeau Road, Belfast. |

STUDENTS :

| | |
|---|---|
| Lauder, Henry Hull .. .. | 26, Parnell Place, Harold's Cross, Dublin. |
| Shorthall, Francis Desmond.. | 66, St. Lawrence Road, Clontarf, Dublin. |

## English Members Resident in Ireland.

FELLOWS :

| | |
|---|---|
| Edwards, Sidney Albert .. | 22, Eaton Square, Monkstown, Co. Dublin. |
| Hall, Augustus William .. .. | 129, North Road, Belfast. |
| Hopkins, Percy Raynes .. .. | Valuation Offices, Ministry of Finance for Northern Ireland, Belfast. |
| Lightbown, Alfred Stuart .. | General Valuation Office, 6, Ely Place, Dublin. |
| Lisney, Harry .. .. .. .. | 6, Ely Place, Dublin. |
| Mills, Arthur Ernest.. .. .. | General Valuation Office, 6, Ely Place, Dublin. |
| Rogers, Arthur Mechelen, Major, s.r.e.s. .. .. .. .. | R.E. Office, Fermoy. |

PROFESSIONAL ASSOCIATES:

| | |
|---|---|
| Bollam, Max .. .. .. .. .. | Bessborough Estate, Belline, Piltown, Co. Kilkenny. |
| Culme-Seymour, Arthur Granville .. .. .. .. | Estate Office, Clogheen, Co. Tipperary. |
| Gray, John Bywell .. .. .. | Room 14, 3rd Floor, Mayfair, Belfast. |
| Hall, Herbert William, A.M.I.C.E. | Assistant Engineer, B. & C. D. Railway, Queen's Quay, Belfast. |
| Hazlett, John Joseph.. .. .. | Estate Commission Office, Upper Merrion Street, Dublin. |
| Leonard, Eugene .. .. .. | 14, Brighton Road, Rathgar, Dublin. |
| Marriott, William Mason .. | The Manor School, Fermoy, Co. Cork. |
| Searle, Gilbert Odell .. .. | Glenmore House, Lambeg, Lisburn. |

## ISLE OF MAN.

### DOUGLAS.

*Fellows :—*

Kerruish : William Maltby.
Teare : Joseph Ernest.

*Professional Associates :—*

Kennaugh : Thomas Hudson.
Moore : Ian James McDougall.
Shimmin : William Alfred.

*Probationers :—*

Corkill : Cecil Starling.
Quayle : Wilfrid Taggart.

# LONDON BRANCHES.

## NORTH WEST LONDON BRANCH.

Comprising the Boroughs of Hammersmith, Hampstead, Islington, Kensington, Paddington, St. Marylebone, St. Pancras, and Holborn, with so much of the City of Westminster as lies north of a line running from the City Boundary along the Strand, Pall Mall, St. James' Street, Piccadilly, Knightsbridge, and Kensington Gore, to the Kensington Borough Boundary.

FELLOWS.

Adkin, Benaiah Whitley
Allsop, Benjamin George Kidston
Austin, Frank Holman
Babbs, Ernest Richard
Baker, Sydney Charles
Ball, James Robert
Ball, William Alfred
Bamford, Walter Herbert
Bare, Thomas Edwin
Barrett, James
Beadel, Maurice Frederick
Bedells, Charles Herbert
Bedford, Charles Edgar
Bennion, Arthur Strachan
Bennison, Roland Edward
Bentley, Harold Edwin
Berry, Charles Windsor
Bincham, Cyril Hugh
Binns, Henry William
Blount, Edwd., Lt.-Col., C.B.E.
Bolden, John Leonard, M.A., C.V.O.
Booth, Gilbert William
Bosher, Victor Evans
Boulting, Frederick Edward
Bourdas, Arthur Frederick, Capt., M.C.
Bowes, Charles
Boxall, Arthur Burgess
Boyd, John Jermyn
Boyton, Sir James
Bradford, Daniel
Bright, Tom Spencer
Brocklehurst, Richard Greaves
Brooks, Charles William, A.R.I.B.A.
Brown, Harold Blumfield
Brown, Rupert Blumfield
Brown, William Blumfield
Brown, William Edward
Buckland, Henry Duneau
Buckland, Sidney Crawford
Budgen, William Harold
Burrows, Alfred John
Burton, George Frederick
Burton, Gilbert H.
Buss, Fleetwood George William
Buss, Harold George
Callinan, Patrick
Cantley, Robert William
Chattell, Francis Loriot
Chesterton, Sidney James, M.B.E.
Chesterton, Sidney Rawlins
Chew, Henry Victor
Child, Fred
Clark, Samuel
Clay, William Henry Christy, O.B.E., A.M.I.C.E.
Clevely, Frederick John
Coade, Cecil James
Coates, Laurence Calvert
Cobb, Herbert Mansfield, C.B.E.
Collingham, John Cyril Lees
Conder, Alfred, F.R.I.B.A.
Conquest, Claude Duncombe
Cooke, Frederick Roper
Cooper, Arthur John
Cooper, Harry Thomas
Cooper, John Robert
Cope, Henry James
Crampton, Arthur Wesley
Crook, Hollis Augustus
Crosher, Wm. Samuel, M.B.E.
Cubitt, Harry
Cullen, Felix Victor
Culliford, Leonard Arthur, F.R.I.B.A.
Cutler, George Alfred
Dadson, Reginald Thornton, O.B.E.
Dash, Roydon Englefield Ashford
Davis, Arthur Henry
Debenham, Frederic Kersey
Doll, Chas. Fitzroy, F.R.I.B.A.
*Driver, Arthur Charles
Durbridge, Ernest
Eachus, Chas. Alfred Eedes
Earle, John Wilfrid
Edgson, Walter Stanley
Eiloart, Ferdinand Robert
*Eiloart, Frederick Edward
Elgood, Frank Minshull, O.B.E., F.R.I.B.A.
Ellis, Alfred Cave
Ellis, Frederick

NORTH-WEST LONDON BRANCH.—*Fellows (contd.)*

**Ellis, Herbert Moates, Capt., M.C.**
**Evans, Alfred Richard**
Eve, Charles Gerald
**Fagg, Edwin William**
**Farrer, John Camplin**
**Fidgen, Walter Frank**
Fleuret, Alfred Harman
Flint, Wm. Hurst
**Ford, Lawton Robert**
Foster, Edwd. Chas.
**Foster, Hy. Oswald**
Francis, Leon Albert
**Francis, Leon Alfred John**
**Francis, Reginald Herbert**
**Frank, Sir Howard, Bart., G.B.E., K.C.B.**
Freeman, Archibald Francis
**Funnell, Horace Denston**
**Furber, Henry Aubrey**
**Furmedge, John Harris**
**Galsworthy, Vincent Somers**
**Garnham, Edwin Alfred Vickery**
Garrard, Arthur Norman
Garrood, Thos. Wm. M.
**Gibbon, William Jacomb, A.R.I.B.A.**
Gillett, Edwd. Bailey
Gimson, Allen
Glasier, Edwd. Brougham
**Gooch, Charles David**
Goodwyn, Leonard Wm.
Gott, Ralph Edgar
**Goulder, Arthur Christopher**
Green, James Hy. Townsend
Griffith, Frank Stanley
Grover, Arthur
Groves, Arnold Tudor
Gurney, Fredk. George
Hadden, Harry Harold
**Hadland, Gilbert Henry**
**Hall, Vernon Manning**
*Harper, Sir Edgar Josiah
Harris, Edwd. Charles
**Hawkins, William Victor**
Haydon, Reginald Ernest
**Head, Harold George, B.A. (*Cantab.*)**
Head, John George
**Hennell, Charles Murray**
**Henson, Frederick Jasper**
**Hicks, Stanley**
Higgins, George
**Hine, Stanley Gordon**
**Hingston, Frederic William**
Hodgson, Harry Moore
Horne, W. Edgar
**How, Herbert**
Howard, Edmund
**Hughes, Henry, O.B.E.**
Hunt, John, F.R.I.B.A.
Hunter, James Douglas
Ibbetson, Thomas Henry
Jacob, Louis, A.R.I.B.A.
**James, George Ernest**
**Jenkins, William Rees**
**Jennings, Fitz Laurence Percival Dudley**
**Jewell, Arthur Edward**
Johnston, Reginald
Jonas, Harold Driver, O.B.E.
Jonas, Harry Marshall, C.B.E.
Jonas, Henry
**Jonas, Samuel Marshall**
Jones, Henry Arthur
Jones, John Fox
**Josling, Ernest George Arthur**
Kennard, Laurence
Kennedy, Richard Percival
**King, Harry E.**
Kisch, Augustus Maitland
Kislingbury, Arthur Vernon
Knight, George Edwd.
*Lake, Cuthbert
Lambert, Godfrey Charles
Langdon, Horace William
**Lansdown, George Arthur**
**Lansdown, Harold**
Latham, Albert Tummons
**Latter, Charles William**
Lawrance, John, Junr.
Lawrance, Walter
Lawrence, William Robert
**Leake, Robert**
Leaning, Aubrey Rupert Sidney
Leaning, Henry John
Leaning, Wm. Arthur
Lee, John Wilfrid
**Lofting, John Brien**
Lofts, Henry Fairlam
**Long, Leland**
Lucas, John Clay
Luker, Dyneley
**Lynam, Richard Blowen**
**McEwen-Waghorn, Arthur Ewan**
**Mahony, James Burke**
**Mallett, John Graham**
Mann, Robert Bagshaw
Markham, Christopher Wm. O'Leary
**Marns, Albert Henry**
Marsh, John Wilton
Martin, Harrison
Martin, Samuel
Martin, Victor Callingham
Marus, Albert Henry
Maskell, Reginald
**Maslen, Thomas Patrick Vincent**
Mason, Chas. Wm. Hayley
**Mathew, Robert Charles**

NORTH-WEST LONDON BRANCH.—*Fellows* (*contd.*).

Matthews, Douglas Samuel
Matthews, Maurice Kershaw
May, William Stokes
Messenger, Henry
Middleton, Reginald Empson, M.I.C.E.
Miller, John Joseph, A.R.I.B.A.
**Moody, Thomas James**
Moore, Ernest Llewellyn
Moore, Harold Edward
Morgan, Thos. Edwin
Motion, Sidney Herbert
Mundell, Joseph Edwd., A.R.I.B.A.
Murray, John, F.R.I.B.A.
**Myers, Legender William**
Neighbour, Wm. Francis
**Newbery, George Herbert**
Newborn, Chas. Reginald
Newman, Samuel Frank
Newmarch, Henry Charles
Nicholson, Guy Murray
Nicol, Frank Claude
**Nixon, Ernest Dermot**
Norman, Chas. Fredk.
**Norman, Herbert John**
Oakley, Sir John Hubert
Orpen, Alfred
Ovenden, Harry
**Paine, Sydney Arthur**
Parker, Charles Alfred
Parkhouse, Samuel
Parsons, John Douglas
Paton, David Llewellyn
Paull, Alan
**Paynter, E. Ernest W., N.D.A. (Hons.), N.D.D.**
**Pearman, Francis May**
Pease, Charles Edwd.
**Peebles, Joseph**
Pilditch, Sir Philip Edwd., M.P.
**Platt, John Crawfurd**
Porter, Oliver John
Potter, Herbert George
Pridmore, Arthur Stirling
**Prower, Ernest Edward**
Rex, Francis Herbert
Rex, Francis Nicholson
**Richardson, Ernest Edward**
Riddle, Frederick Henry Brimble
Rider, Sydney Franklin
**Ridout, Harold**
Robertson, Clement Albert
Robinson, Henry Herbert
**Robinson, Parker**
Robinson, Theodore Richard
Roods, Alfred
**Rookwood, Joseph**
Roper, Robert Garwood
Ruault, John Gustave Peter
Sainsbury, William Charles
Sanders, Robert Massy Dawson
Saunders, Arthur Percival
Saunders, Chas. Herbert
**Saunders, Frederic**
Savill, Sir Edwin, O.B.E.
Savill, Henry Norman
Sayer, Harvey Robert, A.R.I.B.A., A.M.I.C.E.
**Selby, Frank**
Sexton, Geo. Alexander
Shackle, Edwd. Neild
Shephard, Joseph Ernest
Skrimshire, Samuel
Slade, Arnold
**Smalley, William**
Smart, James
Smith, Edward
**Smith, Henry**
**Smith, Quentin Cullen**
Smith, Sidney
Smith, Sydney Arthur
Solomons, Ernest Albert
**Sparks, William Henry**
**Sprague, Alfred James Highmore**
Spyer, George, O.B.E.
Stone, Edward Albert
**Stower, Joseph**
Strachan, Charles John
**Summerfield, Joseph Charles**
**Summersell, James Gleed**
Sutton, Frederick Stanley
**Symes, William Charles**
**Syms, Reginald Hardy, Major**
Tanner, Arthur Ralph
Tanner, Sir Henry, C.B., I.S.O., F.R.I.B.A.
**Tarrant, Henry George**
Theobald, John Medows
Thomas, Charles John Howell
**Thorne, Edward Alexander**
**Tracy, Charles Frederic**
Trehearne, Alfred Fredk. Aldridge
Trumper, John Alfred
Tyser, Grafton Leslie
**Veit, Leonard James**
Venning, Harry John, A.R.I.B.A.
Vine, Wilfrid Gordon
**Waggett, Thomas Frederick William**
Waite, Donald Mowbray
**Waldram, Percy John**
Walsh, Frederick Leopold Morfee, Capt.
**Walsh, Frederick William**
Walters, The Rt. Hon, Sir John Tudor
**Ward, John Charles**
Warmington, Herbert Andrew
**Watkins, John Hugh**

NORTH-WEST LONDON BRANCH.—*Professional Associates.*

Watson, Frederick Percy
Webber, William Henry
Webster, George Arthur
Wells, Sir Wm. Henry
West, Chas. Henry Edward, F.R.G.S.
West, Herbert James
Whitaker, Ernest Victor
Whiddington, Stanley Dunford
Wildman, John Tom Robinson
Wilks, Clement
Williams, Harold, O.B.E.
Willoughby, Charles William
Wood, John Daniel
Woodward, Wm., F.R.I.B.A.
Worrall, Joseph Ratcliffe
Young, Morgan Henry
Young, Sidney Michael
Young, Thomas

PROFESSIONAL ASSOCIATES.

Addey, Frederick Arnold
Adkin, Benaiah Colson
Allison, William
Arnold, John Stanley
Bagnall, Edward George
Bain, Archibald Williamson
Baker, Alfred James
Baker, George Henry
Baldwin-Wiseman, Wm. Ralph, M.S.C., F.G.S., A.M.I.C.E.
Beard, Philip Arthur Edgar
Bedells, Herbert Sydney Grafton
Bird, Augustus Gordon
Bird, Stanley Parker
Bishop, Ernest William
Blessley, Victor Henry
Boyton, Frank Alric
Brown, Wm. Lobin Trant
Buckmaster, Herbert Hambleton
Burkitt, Cecil
Burt, Douglas Allan
Butler, Thomas Lionel
Carpenter, Edward Robert
Chapman, Donald Le Cronier
Cheesewright, Ernest
Chew, Percival Thomas
Chilcott, Arthur Samuel Fairweather
Church, Geoffrey Redmore
Clark, Charles Fowler
Clark, Cuthbert Harvey
Clark, Herbert
Clinch, E. A.
Coker, Ralph Hector
Concanen, Tholen Alfred Hugh
Coombe, George Arnold
Cooper, Bertie
Cope, William George
Cossins, Charles George
Coucher, Alfred Edwin Reneson
Cox, Norman Wilkinson
Croser, Archibald William
Cross, Pembroke Henry Cockayne
Crosse, Stanley Howard
Cubitt, Horace Wm., A.R.I.B.A.
Curtiss, Edward Herbert
Dakers, David
Davies, Arthur
Davis, Albert John
Davis, Charles Harold Read
Dickin, Edward Lyndup
Downie, William Arthur
Driver, Ellis Samuel
Evans, Philip
Falkner, Frank Ninus
Finch, George Frederick
Fleming, Herbert Sidney
Fleury, Francis George
Ford, C. Graham
Foster, Walter
French, A. Martin
Frey, Henry
Furber, John Oscar
Gasson, Stanley
Gillett, Sidney Eric
Golby, Robert Edmund
Gore, William Joll
Gray, James Arthur
Green, George Edward
Green, Samuel Leroy Townsend
Gregory, Wallace James Ignatius Daniel
Hall, Montague Preston
Hammond, George Addison
Harding, Frederick Allcroft
Haughton, Cecil
Hay, Cuthbert Joseph Capt.
Hayward, Joseph
Hayward, William Hansell
Heeley, Norman
Hicks, Stanley Vvyvian
Hockley, George William
Holiday, William Garnet
Holmes, John Edward
Holt, Walter James
Horton, Edward William
Houghton, John Henry
Hughes, Basil, A.R.I.B.A.
Hughes, Leslie
Ingham, Walter
Inman, William Charles
Jonas, Harry Carter
Jones, Gerald Francis, O.B.E.
Jones, Ronald Kelsey
Keen, Arthur Auger
Kelleway, Herbert Davies
Kelly, Arthur Ralph
King, Frederick Augustus
King, Herbert Walter

NORTH-WEST LONDON BRANCH.—*Associate—Probationers.*

King, Noel Ward
Kirby, Carl Frederick George
**Kirkwood, James Stuart**
**Knight, Douglas Roy**
Lamb, Charles Alfred
**Larkam, Reginald William**
Lawrance, David Malcolm
**Lodge, Arthur Frank**
**Lone, R. Wilcox, A.R.I.B.A.**
Lovell, George Raymond
**Lovell, Sydney Valentine Sillence**
McCabe, Arthur William
Maile, Sydney Herbert
**Mann, Alfred Leonard**
Mathews, Frederick Terry Douglas
Maxwell, Herbert William
Mayhew, James
Mennie, Frederick Edward, A.R.I.B.A.
Merrett, Arthur Saywell
**Miller, Roland Frederick**
Morgan, Ernest William
**Motion, Donald Graham**
Mussared, William John
**Odell, John Frederick**
**Orr**, Robert
Pattinson, Jeffrey
Pearce, Charles Frederick
Perry, Evelyn Ellis (Miss)
**Perry, Henry**
Pettett, Herbert Charles
Pewtress, Herbert Wilmshurst
**Phillips, Samuel Charles**
Pickersgill, Alfred
Pilditch, Philip Harold, A.R.I.B.A.
**Plumb, Francis Clarkson**
**Pope, Herbert Burgham**
Prior, Gordon Stewart
Purry, Ernest Stephen
**Quirke, Raymond Fitzwilliam**
Rampton, Percy William
Ransom, Thomas Reginald
**Reavell, Charles Asquith**
**Remnant, Eustace Archibald**
Reynolds, Kenneth Charles Rees
**Rhys, John Percival**
Richardson, Ernest Gilbert
Richardson, William Edward
Ringland, William Ewart
Rivers, Frank Wilfred
Rose, Sydney George
**Rossiter, William Clark**
**Ruthen, Ernest Sidney**
Savill, Edwin Lydall
**Savill, Eric Humphrey**
Scanlan, William Henry
**Scarsbrook, Reginald George**
Scott, Albert Clarke
Seabrook, Ernest Cardēn
**Sharpe, Henry Ernest**
Sheppard, John Mortimer
**Slipper, Reginald Owen**
Smith, Arthur Kitson
**Smith, Geoffrey Howard**
Smith, Walter Daniel
Souray, Edwin Guy
**Spiller, Ernest William**
Spink, James
**Stenholm, Adolph Henning**
**Stones, Charles Edgar**
**Stredder, Cecil Alfred Edward**
Sturt, Leslie
**Symonds, Reginald Ernest**
Tanner, William Hugh
Taylor, John Francis White
Thompson, Henry Clarence
Thompson, Joseph Atherden
Thomson, Herbert D.
Tidey, Herbert Gordon
**Timbs, Arthur Claude**
Tivendale, Thomas
**Todd, Benjamin Joseph Graves**
**Tombs, Leonard Elliott**
**Tomkins, Hugh Charles**
**Tomkins, Samuel Edward**
Trollope, Robert John
Tyler, William Bott
**Tyrer, John Morgan Howard**
**Walker, George Norman**
Wallis, Austin Serjeant
**Walters, Percy Thomas**
Waters, Ivor Arthur
**Watson, John Arthur Fergus**
Watt, Sydney Charles
**Watts, Francis Henry**
Wheeler, Reginald Harry
**White, Edward Charles**
White, Roynon Hansford
**Williams, John Pritchard**
Williams, Peter Lloyd Armstrong
Williams, Richard John
Willmott, James Perceval
Willoughby, Charles Albert
**Wood, Arthur John**
Woodroffe, Norman Frederic
**Woolf, Emanuel, M.A.** (*Cantab.*)
**Wynne-Jones, Eric**
Yates, Wilfrid Archibald
**Yorke, Maurice Francis**

ASSOCIATE.

Watson, Willliam Ernest.

PROBATIONERS.

Ackland, Horace Albert
Barnett, Harold Samson
**Cadwallader, Charles Edward**

LONDON (SOUTH WESTERN) BRANCH.—*Fellows.*

Cheney, William Stanley
Cosway, Hewett Linton Gilliam
Couzens, Cecil Clarke
Fordham, Christopher Maddox
Foster, Kenneth Edward
Galsworthy, Peter, Capt.
Garrard, Norman Arthur
Gillis, James
Hagen, Lawrence Arthur
Harley, Harry Vincent Maldon
Hawkins, William Victor
Hoddy, Albert Arthur Victor
Holmans, Leonard Charles
Hunt, Charles Harman
Johnson, Kenneth Marr
Kerr-Nesbitt, Stanley Edward Bradford
Mann, John Robert Bagshaw
May, Harold George
Newman, Philip Arthur.
Palmer, Godfrey Bennett
Pearson, John Stanley
Pedro, Amatus Olatunde
Perkins, Walter Mottram
Priddle, Florence Dorothy (Miss)
Roberts, Albert Edward
Rubens, Alfred
St. John, Reginald Arthur
Taylor, John Belmont
Thomas, Geoffrey Rivers
Walkden, Fred
Watson, John Arthur Fergus
Willis, William Stephen

STUDENTS.

Angell, Francis Leslie
Grayson, Henry Gladwyn
Hine, Ivor Jack Stuart
Nettel, Leopold
Otter, Joseph Reuben Harry
Scrase, Frank Geoffrey

## LONDON (SOUTH WESTERN) BRANCH.

Comprising the Boroughs of Battersea, Chelsea, Fulham, Lambeth, Southwark, and Wandsworth, with so much of the City of Westminster as lies south of a line running from the City Boundary along the Strand, Pall Mall, St. James' Street, Piccadilly, Knightsbridge, and Kensington Gore, to the Kensington Borough Boundary.

FELLOWS.

Addiscott, Henry Hugh
Allpress, Horace Edward
Arnall, George
Bacon, Frederick Joseph, C.B.E.
Banks, John William
Barber, Harry Percy
Bare, Robert George
Barker, Horace Richard
Batzer, Albert Edwar A.R.I.B.A.
Baxendale, Frederick Giesen
Baylis, Albert Edward
Baynham, Edmund Christopher
Beale, Robert J., A.R.I.B.A.
Belfrage, James Herbert, A.R.I.B.A.
Bennett, Reginald Henry Wapshott.
Berry, Charles Windsor
Betenson, Frederic Roger
Bevan, Roland Stanley
Bird, Walter
Bolam, Charles Godfrey
Bonds, Joseph Arthur
Bradley, Henry Edward Manning, M.B.E.
Bressey, Chas. Herbert, Lt.-Col., C.B.E.
Briant, Bernard
Briant, Robert
Brighton, George Lawrence
Broad, Gordon Leslie, Major, O.B.E., M.C., A.R.I.B.A.
Brown, Alexander Burnett
Brown, Clarence
Brown, George Turville
Brown, Leonard
Brown, Norman Ernest
Brown, Westgarth Forster
Brown, William Henry
Browne, Hugh Gillespie
Bull, Walter
Buller, Francis Charles
Buller, Frederick Arthur
Bunn, Henry Leeson
Burgess, Hy. Herbert Philip
Burkett-Smith, Cecil Sydney
Burmester, John Wm. Stanley, F.R.I.B.A.
Burton, Reginald Robert
Bywaters, Percy
Cable, James, M., A.R.I.B.A.
Caesar, Charles Edward
Callow, George Daniel
Carless, Thomas James
Carpenter, Alfred Joseph
Caton, Thomas Linfield
Chapman, John Frank
Chappell, Frank Richardson
Chidgey, Hugh Thomas Arthur
Cima, Gerald Joseph
Claridge, William David
Clark, Alfred Henry
Clarke, Ernest Seymour, Capt.

LONDON (SOUTH WESTERN) BRANCH.—*Fellows (contd.).*

Clarke, Percy Henry
**Clarke, Vincent Cooper**
Clutton, John Henry
**Cobb, Henry Frederick, Col., C.B.E.**
Cole, Francis Joseph, M.B.E.
**Cole, Herbert Covington, Colonel, C.B.E.**
Commin, Frederick James
Cotterell, Albert Player Isaac, M.I.C.E.
Coy, Fredk. Wm. Foster
**Cresswell, John Theodore Ross**
*Cross, Arthur George
**Dadd, Chas. John Thomas**
Darch, John
Dash, Roland Ashford
Davidge, William Robert, F.R.I.B.A., A.M.I.C.E.
**Davis, William Edward**
**Davson, Alan Warburton**
**Deacon, Stanley Marcus**
Deacon, Thomas Mark
**Dearle, William Walker**
De la Quintana, Carlos Ygnacio Elias
Dendy, William Cooper
Dinwiddy, Donald
Dollar, Peter, A.R.I.B.A.
**Douglas, Jas. Wightman, Major, D.S.O.**
**Downing, Frederick**
Downing, Hy. Philip Burke, F.R.I.B.A., F.S.A.
**Drake, Frank Arthur**
Drower, Edmund Gilbert
Drower, John Edmund, C.B.E.
**Dunt, John Harlow**
**Dyke, Bernard Frank**
Egerton, Hubert Decimus
**Elsworthy, John Gordon**
Elton, Percie Ian, A.R.I.B.A.
**Elwell, William Henry**
Endicott, Albert
**Evans, Bertie Graham**
Eve, Sir H. Trustram, K.B.E.
Eyles, Charles Henry
Fairchild, Edward James
Farmer, Hugh Cecil
**Faux, Charles James**
**Few, Harry Edward**
Field, Charles Roland
Fielder, Charles Lavington
Ford, Richard Dickins Lancelot
Foster, Henry Helm
**Foster, William Frederick**
Fowler, Cyril James
**Fox, Edwin**
Francis, George Futvoye
Geen, Walter, M.A. (*Cantab.*)
Gifford, Egmont Augustus
**Gledhill, James Herbert**
Gledhill, Sidney Verity
Glover, Henry Alexander
Godding, Frank Horatio
Graham, Henry Cecil
Griffin, Harold
Griffin, Harold, Junr.
**Grimwade, Frederick Clive**
Gripper, John Bell
Hale, Harry Barnes
**Hale, Raymond Henry**
**Hall, William James**
Hall-Jones, Fredk.
**Hamlyn, Eric Henley**
Hardcastle, Fredk. Hy. Appleton
**Harris, Douglas**
**Harvey, William Ayton**
Haskins, Frederic Cyril, Major
Hayward, Thos. Wm. Alfred, A.M.I.C.E., M.I.M.E.
Healing, Oswald Judd
**Heathcote, Ernest Grigg, F.R.I.B.A.**
Henniker, Fredk. Sibert
**Hibbert, Joseph Victor**
Hine, Ernest Daryll
**Hobday, William Herbert**
Hodges, Arthur Pool
Hookey, Reginald Edward
Hooper, Augustus Shelton
**Howard, Alfred**
**Hughes, Ernest William**
Hugman, Charles Eady
**Hunt, Frank Wm., C.V.O.**
Huson, Ernest William
James, Frederick John, M.B.E.
**Jenkinson, William Wilberforce**
Johnson, Bernard Marr
Johnson, Henry James
**Johnstone, John Thomas**
Jones, Percy Everley
Jones, Thomas, M.I.C.E.
**Keay, Raleigh William McLaren**
**Kenney, Cyril Ernest**
**Kerr, John Murray**
Knibb, Fredk. Chas., M.B.E.
Knight, Fredk Wm.
Knowles, George Potter, M.B.E., B.Sc., A.M.I.C.E.
Lambert, Edwin Emmanuel
Leather, George Herbert
**Leonard, E.**
**Leslie, Henry George, A.R.I.B.A.**
**Lunn, W. H. H.**
**McSheehy, John Edward Gerard**
Madge, Wilfrid
Maltby, Charles Midlam
Mann, J. Bagshaw
Melrose, Frank

LONDON (SOUTH WESTERN) BRANCH.—*Professional Associates.*

Mendham, John Bernard
Merrett, Harold Thrift
Merrett, James
Millen, George Robert Menelaus
Morris, Richard Percival
Morrison, Charles Archer
Mumby, Elvin Fowler
Mumby, Thomas Neville Camomile
Myers, Albert Robert
Naylor, John Stuart
Nunn, Samuel Thomas
Orgill, John Berwick
Overall, Edmund
Palmer, Wm. Edwd. King, A.R.I.B.A.
Parker, Archie Montgomery
Parker, John
Parr, Eustace Tolefree
Parry, Albert Edward
Patching, Edwd. Glencairn
Paul, Andrew
Paul, Henry
Peel, Edward Laurence
Pepler, George Lionel
Perks, Hugh Earl
Phillips, William Edwin
Phipps, Frederick Reginald
Pinks, Edwin Charles
Porter, Sydney Lawrance
Powell, Fredk. Atkinson
Price, Capel Hereward
Price, Richard Arnold
Prichard, Thos. Francis Vaughan
Pritchard, Henry A.
Rawlence, Duncan Alfred
Reekes, Charles Rupert
Rice, Edward
Richards, Arthur Walter Trollope
Riley, Henry
Robins, Philip Seymour
*Rogers, Horace Mordaunt
Rogers, Montagu Stanley
Rogers, Vivian Burry, Major, D.S.O. M.C.
Ross, Percy Havery
Ruddle, Fredk. Chas.
Rudler, Frederick George
Ryde, Arthur Lyon
Ryde, Edwd. Humphrey Noel
Ryle, Herbert, O.B.E.
Sadler, Geo. Wm., A.R.I.B.A.
Salmond, Stewart
Sargant, Frank Ellison
Selby, Ernest Harry
Selwyn, William Ingram
Sherwin, Henry Edward
Sherwin, Joseph Henry
Silcock, Edward John, M.I.C.E.
Silvester, George
*Skipper, Henry Herbert, M.B.E.
Smith, Jonas Walker
Smyth, John Henry
Spensley, James Calvert, O.B.E.
Staley, Frank Geoffrey, Capt., R.E.
Stanford, George
Stevens, Charles Vivian
Stevens, Wm. Fredk. Hood
Steward, Clifford Thomas
Steward, Herbert Arthur
Stewart, Harry S., A.R.I.B.A.
Strachan, Robert Gordon
Strouts, Lewis Herbert
Tanner, Rudolph
*Taylor, Arthur Wm.
Taylor, John James
Taylor, William Ling
Thomas, Bernard Campbell
Thomas, Charles John Howell
Thompson, Francis Longstreth
Thurgood, Leonard Fielder
Thynne, Guy Harry
Thynne, Reginald Lambert
Timperley, George Kenyon
Tinslay, Thomas Percival
Trench, Gilbert Mackenzie
Trollope, Henry Charles
Turner, Hamilton Hall
Tyas, Frederick Chapman
Varndell, Charles Edward, F.R.I.B.A.
Waghorn, Gilbert
Wakeford, Arthur James
Walder, William Searcy
Waldram, Percy John
Watson, Ernest
Webster, Frank Coutts, O.B.E.
Weston, Francis
Wheeler, Ernest Bostock
Wheeler, John Henry West
Whitaker, Fredk. Archibald
Whitten, George Jackson, M.B.E.
Widdowson, George Clifford
Wilks, Mark
Williamson, Henry Burcombe
Willis, Arthur James
Wood, Douglas, A.R.I.B.A.
Wreathall, Robert T.
Young, Herbert Henry

PROFESSIONAL ASSOCIATES.

Abrams, George Herbert
Adams, Herbert
Apthorp, Arthur Leonard
Arnold, Arnold Keith
Arscott, Leonard Charles
Atkins, Arthur Edwards Alan Martin
Bailey, Arthur Ronald

LONDON (SOUTH WESTERN) BRANCH.—*Prof. Associates (contd.).*

Baker, Henry Thomas George
Banham, Edward Longley
Barker, Horace Thomas Searle
Bathurst, Frank Victor
Beck, Herbert Edgar, B.A.
Beckham, Arthur Arkell
Bishop, William Thomas
Blake, John Patrick
Blissett, Frank Charles
Briggs, Alfred Denbigh
Briggs, John
Brown, Arthur Frederick
Brown, Leonard John
Bull, Thomas Henry
Bull, Walter Edward Avenon
Burge, Arthur John
Burstal, Arthur Cyril
Carless, James Kingdon
Carr, Randle William, M.R.A.C.
Carter, Charles
Castell, Douglas Charles
Cattlin, Osmond, A.M.I.C.E.
Chew, Percival Thomas
Cobb, Henry Alfred William
Coffin, Bertram Gilbert
Coigley, Harold Richard
Cole, Joseph Charles
Collard, Percy William
Cooper, Cecil Francis Adrian
Curtis, Frederick John
Davey, Edwin Clissold
Davies, Percival Leopold Lawrence
Davies, Thomas Walter
Davis, Reginald William John
Davis, William Winwood
Davy, Clifton Robert, F.R.I.B.A.
Dawkins, Albert James
Dickie, Albert George
Dobson, Charles George
Dodgshon, Edmund Charles
Drew, Sydney Vernon
Duff, Robert Duncan
Dunch, Charles Robinson
Elliott, Reginald
Eve, John Douglas Trustram
Fenn, Harold Theodore
Field, James Donald, B.A., LL.B.
Fife, James Donald
Flood, Alfred William
Foat, Harry Alex.
Foster, Gaius
Fox, Walter Edward
Franklin, Herbert John
Freeman, Frank Condy
Fresson, Kenneth Edward
Freuer, William Samuel
Gadd, John Edward
Grant, Leslie Thomas
Grove, Richard Thomas
Hames, Percival James
Hamilton, Edward
Hamilton, James Eastwood
Hannan, Guy Norton
Hannon, John Michael
Harding, George Pool
Harrington, Charles Poland
Harrington, Frederick Josiah
Harris, William Murray
Hayward, Arthur Baldwin
Head, William Alfred
Henderson, Percy Charles
Hendra, Albert John
Henry, Edward Hugh
Hodson, Frederic Henry
Hoggarth, Wm. Edward Thomas
Hooper, Arnold Fielder
Horder, Gerald Morley
Hosking, Thomas Stanley
Howard, Algernon
Howell, Charles Gordon
Howell, Ernest John
Hughesdon, Gerald Edward
Hutchings, Sir Alan, K.B.E.
James, William George
Janes, Walter Joseph
Jeckells, William Augustus
Jenkins, Ralph Emerson
Johnson, Percival Leonard
Jones, Harold Newton
Joyce, Horace Francis
Kennard, Frederick Harrison
Kibblewhite, Henry James Treleaven
Knowles, Clifford Cyril
Ladd, Walter Willoughby
Lamprill, William Thomas
Lane, Frederick Charles
Larkin, Richard Webster
Laweson, Ray Carlon
Legg, Kenneth Bolton
Le Sueur, Arthur Denis Carrington
Lickis, Leonard
Lloyd, Hugh Bernard
Logsdon, Horace Stewart
Machattie, John Macintosh
Mager, Sydney, C.B.E.
Mann, Alfred Henry
Marsden, Horace John
Marsh, Ernest George
May, Frank Sidney Edward
Maynard, Gerald Earle
Medlock, Sydney Gordon
Meredith, Percy William
Meysey-Thompson, Algar de C. C.
Millar, John
Miller, Algernon Richard Rabone Augustus
Miller, Frederick William

LONDON (SOUTH WESTERN) BRANCH.—*Associates—Probationers.*

Milnes, Robert
Mitchell, Stephen George
Morgan, Herbert Woosnam
Mumford, Frank Septimus
Murray, Arthur Malcolm
Myhill, Frederick Robert
Newman, Walter Philip
Nicholson, John
Nicholson, Thomas
Nightingale, Arthur Leslie
Norman, Eric Frank
Nutchey, Edward Albert
O'Connell, Patrick Joseph
Oliver, Harry Hutt
Parker, Frederic William
Parnacott, Arthur Charles
Parratt, Albert Martin
Paul, Francis
Payne, Frederick George
Payne, William Bradley
Pearce, Stephen Harvey
Pearson, Frederick George
Phillips, William George
Phillips, William Ritchie, Capt.
Pilkington, John Mulock
Pinfold, Francis Arthur
Porter, Harold
Power, Richard Reilly
Price, Gilbert Rhys
Pusey, Sidney Theodore
Pusser, Daniel Robert
Putt, Edward Pomeroy
Quarmby, Charles David
Ramsay, Weston
Rayner, Henry Joseph
Read, Albert Edward
Reaṅ, William Henry, O.B.E., A.M.I.C.E., M.I.M. & C.E.
Reed, Frank Underhill
Reed, Stanley Gordon
Richardson, Frederick
Riley, Charles Henry
Robbins, Walter Francis
Robertson, Donald George
Robinson, Leslie
Rowell, Clifford William
Runtz, Ernest Munro
Saunders, Leslie
Sharp, William Alfred
Sherwin, Cyril Joseph
Simpson, Victor H.
Skeen, Ernest Alexander
Smith, Ernest Disraeli
Smith, Leonard Drury
Spencer, Francis Augustus
Stapleton, George Aubrey
Stevens, Gilbert Major
Stevens, Roland Honyel
Stimson, Douglas Cecil
Stimson, Edward Frederick
Stimson, Herbert Percy
Stott, Charles Granville
Stroud, Albert William
Surrey, Christopher William
Swan, Harrold
Swinstead, Bernard Ralph
Talbot-Ponsonby, Arthur Hugh Brabazon
Taylor, Walter H.
Templeton, Stanley James
Thomas, Alfred William
Thomas, Wm. Reginald
Thompson, Frederick William
Thornley, Harold Victor
Tickle, Ronald Glen
Tobias, Maurice
Tydeman, Arthur Edgar
Ward, Lionel Eric
Waters, Albert Edward
Watts, Frederick Spring
Weaver, Lionel Hunter
Wells, Leslie Stuart Dean
Wells, Reginald George
West, Terence Colin
Westrope, Victor Russell
Wetenhall, Edward Box
Whitney, Eustace Scott
Whittington, Harold Norman
Wickenden, Arthur Fred
Wildman, Herbert Robinson
Windle, Frederick
Woolcock, William Thomas Harry
Worters, Charles Cowley
Youngs, Sidney

ASSOCIATES.

Barry, Charles Edward
Courthope, George Lloyd, Lt.-Col., M.C., M.P.
Dibdin, Lewis George
Graham, W. Vaux, M.I.C.E.
Grantham, Richard Fuge, M.I.C.E.
Hamer, Herbert, Major R.E.

PROBATIONERS.

Bignell, Arthur Robert
Black, Cyril Wilson
Blake, Geoffrey Dale
Bright, Eric Stewart
Dangerfield, Henry Charles
Dignasse, David Rex
Hawker, Albert
Hawkins, George Wilfrid
Hill, Eric Cuthbertson
Hummell, Horace Reginald
Johnston, Kenneth Marr
Lamb, Louis Cecil
Law, Gordon Murray
Marcucci, Dario

CITY AND EASTERN LONDON BRANCH.—*Fellows.*

Meering, Sydney Edward
Miller, Albert Ernest
Plaskett, Frederick William
Porter, James William Richard
Post, Albert Harry
Poulton, Edward John
Renny, Frederick Charles
Roberts Bryn
Roper, Thomas Percy
Sebag-Montefiore, Owen Cecil
Stacey, James Donald
Thompson, James Arthur
Turner, Bertram John
Woodlock, Gordon Edward

STUDENTS.

Duncan, Leslie Warren
Eason, Edward Bruton
Haag, Henry Leonard
Hill, Albert James
James, Bernard Edgar
Morgan, Frank Richard
Skerl, Anton Francis
Wakefield, Wilfrid Ashlin
Wheeler, Ella Florence (Miss)

## CITY AND EASTERN LONDON BRANCH.

Comprising the City of London and the Boroughs of Bermondsey, Bethnal Green, Camberwell, Deptford, Finsbury, Greenwich, Hackney, Lewisham Poplar, Shoreditch Stepney, Stoke Newington, and Woolwich.

FELLOWS.

Adams, Henry, M.I.C.E., M.I.M.E.
Anderson, Douglas, A.R.I.B.A.
Ashbridge, Prentice Moore
Aylen, Cecil Hugh
Bacon, Frank
Baddeley, Bernard Beresford
Ball, Adam John Loughborough
Ball, Adam Kirk
Ball, Charles Edward
Barns, Stephen Allen, M.B.E.
Bartholomew, Charles Fredk.
Barton, Sydney Fredk.
Batstone, Rowland Robert
Baxter, George
Bevan, Septimus
Biggs, Walter Woodbridge
Bliss, Francis George
Blomfield, Charles Edward
Breach, Benjamin I'Anson
Breton, Bertram Walter
Brickwell, Alfred James, C.B.E.
Brock, Frederick Willie
Brooks, John McMullen
Brooks, Philip Fuller
Brown, Edwd. Otto Foster
Brown, Frank
Burn, Sir Joseph, K.B.E.
Burnett, Sir David, Bart.
Burnett, Leslie Trew
Burr, Fredk. Malcolm
Burton, Reginald John Croft
Canham, Ernest Reginald, O.B.E.
Chandler, John
Chapman, Arthur Henry
Charles, Richard Dudley Stafford
Charles, Richard Stafford
Chichester, Richard Herbert
Christy, Archibald Ernest
Clarke, Stanley Chatfeild
Clarkson, Wm., Junr.
Collier, Arthur Charles
Collier, Henry Hewett
Collins, Marcus E.
Cooper, John Robert
Courtenay, Charles Philip
Cranfield, William Bathgate
Creasey, John Rogers, Junr.
Crook, Hollis Augustus
Culver, Herbert George
Currey, Harold Wynne
Dangerfield, Thomas Samuel
Dannatt, Percy Boothroyd, A.R.I.B.A.
Daubeney, Charles Archibald, F.R.I.B.A.
Davey, John
Daw, Herbert Warwick
Daw, Sir William Herbert
Dawes, George William Francis
Desch, Ernest Conway
Dibdin, Robert John
Drew, Stanley Thomas
Duncan, James Morrison
Dunn, Sir Wm. Hy., Bart.
Dunnage, Gerald Eckett
Dunsmore, Gilbert
Dyer, William Fanstone
Dyer, William John
Eason, Edwd. William
Ellis, Ralph Staples
Ellis, Richard Adam
Evans, Montagu, Capt., M.C.
*Eve, William Harold
Everington, John
Farnan, Henry Richard
Farrer, Fredk. Robert
Flatt, John Alexander
Fletcher, Sir Banister Flight, F.R.I.B.A.
Ford, Francis Curtis

CITY AND EASTERN LONDON BRANCH.—*Fellows (contd.).*

Fox, Sidney Joseph
Franklin, Arthur Thomas
Freeman, Leonard George
Freeman, Sydney
Gale, Ernest Sewell
Gleed, Percival Francis
Gleed, Richard Cummings
Goodchild, Walter Charles
Goodman, Alfred
Gordon, Alexander
Goulding, Arthur
Gray, Horace Norman
Gray, John Vincent
Green, Fredk. Algernon
Griffin, Alfred
Griffin, Harold
Griffin, Harold, Junr.
Gunton, William Henry
Hammond, Frederic Snowden, D.S.O.
Harper, Sir Edgar Josiah
Haskins, Wm. Albion
Hassett, Reginald Charles
Heath, Henry Cubitt
Heath, Sidney Howard
Hewitt, Frank
Hickson, Stephen Westby
Hobson, Fredk. Wm.
Hood, Herbert Charles
Hood, Walter Richard
Horsey, Fredk. John Terry
Hovenden, Henry Edwards
Howland, Arthur Frank
Huggins, Ernest George
Jenkinson, Wm. Eric Leigh
Jennings, Daniel Strachan, F.R.G.S.
Jones, Wm. Campbell
Joseph, Delissa, F.R.I.B.A.
Kemsley, William Hugh
Kent, Geo. Nathaniel
Kersey, Alex. H., F.R.I.B.A.
Knight, Edgar Walsh
Knowles, Leslie S.
Lambert, Arthur Peploe
Lamond, John, A.M.I.C.E.
*Lancaster, John Roy
Lang, Augustus Bernard Dashwood
Langridge, Walter Fredk.
Little, Henry
Lovegrove, Gilbert Henry, F.R.I.B.A.
Lowries, William John
Lucas, Arthur Littlejohns
Luffingham, Wm. John
McDougall, William Wight
Mackenzie, Charles Evernden
Marks, Hyman
Matthews, Harold Scobell
Melvin, Charles John
Mercer, Charles Edwd.
Mew, Robert Heath
Monckton, Henry Percival, F.R.I.B.A.
Monson, Edwd. Chas. Philip, F.R.I.B.A.
Morter, Henry Arthur
Newman, Percival Corney, A.R.I.B.A.
Nicholson, Wm. Abernethy
Notley, Richard Albert
Oxley, Harold
Palmer, Frederick Charles
Palmer, Fredk. Charles Richard
Parr, Samuel George
Perkins, Samuel Barclay
Perks, Sydney, F.S.A., F.R.I.B.A.
Peters, James
Preston, Samuel David
Pridmore, Albert Edward
Protheroe, Alfred Ernest
Purvis, Charles James
Rawlins, Henry Adair, A.R.I.B.A.
Rawlins, William
Read, Ernest James
Read, Francis Charles Jennings
Reeve, Walter Esmond
Rhodes, James Norman
Rice, Benjamin Louis
Richards, Walter Rowe
Richardson, Arthur Bayliffe
Ridley, Percy Edward
Rubens, Harry Isaac
Ruddle, George William
Russell, Humphrey Gladstone
Rutley, Frank
St. John, Louis Fredk., Capt.
Salmon, Joseph Harold, M.B.E.
Sands, Hubert Covell, Lic.R.I.B.A.
Sayer, Henry Taylor
Sedgwick, Percy George
Sheffield, Noel Dennis
Shepherd, William
Silvester, Arthur
Skelt, Frederick Mitchell
Slade, James Benjamin
Smith, Charles Gordon
Smith, Frank Adams, F.R.I.B.A.
Sneath, Frank Edgar
Spencer, George
Spooner, Herbert John
Stanham, George Gordon
*Stanley, Harry Merridew
Stenning, Sir Alex. Rose, F.R.I.B.A.
Stevens, John Wm., A.R.I.B.A.
Stevens, Nicholas Richard
Stoner, Alfred Hills
Story, Philip Francis, Lt.-Col., D.S.O.

CITY AND EAST LONDON BRANCH.—*Professional Associates.*

Taylor, Alfred Cecil
Tee, Samuel Clifford
Thomerson, Albert
Tomlin, Francis Ferrier
Trent, Wm. Edward
Tubbs, Walter Burnell
*Tuckett, Percival Fox
Tyler, James William
Veale, Louis Charles
Vernon, Arthur
Vernon, Arthur Stanley
Vigers, Astley Allan
Vigers, Geoffrey Leslie
Vigers, Leslie Robert
Wagstaff, Frederick Howard
Walker, William Selves
Waters, Frederick Ebenezer
Watney, Arthur Gordon
Watney, Dendy
Webber, Henry Stanton
Webster, Hugh Calthrop
White, Benjamin William
Whiteley, Charles Perry
Whiteley, Cyprian Charles Oswald, Capt., O.B.E.
Wicksteed, Archie Frederic
Wilde, Sidney Algernon
Wilson, Everard John
Wootton, Thomas Sydney Lewis
Wright, Herbert Alfred
Wright, Wm. Newcombe
Wyles, John Walter
Wylie, Ernest Avery
Young, Charles Alex.
Young, Douglas
Young, Ernest Alexander

PROFESSIONAL ASSOCIATES.

Andrews, Ronald Seymour
Andrews, Stephen Hampton
Andrews, Wm. Charles
Austin, Joseph James Rowles
Ball, Francis Leopold
Banks, Edwd. John Stanley
Bates, Arthur Roger Albert
Batstone, Walter Waterfield
Baxter, George Coulson
Bayden, Edward
Bedwell, Ernest Charles
Bell, William
Blackburn, Lionel Charles
Blanks, Arthur Albert
Blow, Thomas Bertram
Boston, William Thomas
Breach, Alan Charles Egerton
Brewer, Francis Henry James
Brockelbank, Colin Turner Seymour
Brown, Frank
Burrows, Edwd. Crawford, Major, M.C.
Burton, Walter William
Caines, Harold John
Campbell-Jones, Owen
Cass, Alexander James
Causley, Samuel
Chalcraft, Henry Terrell
Chamberlain, Norman Vincent
Chamberlain, Walter Ernest
Chandler, Ernest Herbert
Chipp, George
Clark, Alexander Neilson
Clark, Louis Van
Clifton, Edward Noel
Coker, Harry Reginald Ellis
Colbeck, Henry, A.R.I.B.A.
Collins, Owen Hyman
Commander, Chas. Curtis
Cook, John Oliver (Junr.)
Corble, Archibald Harrison
Cross, Clement
Crown, Raymond James
Cunningham, William Frederick
Cushen, Charles Osmon
Dabbs, Douglas William
Dartnall, James Ambrose
Davenport, Herbert
Davis, Edwin Arthur
Daw, Edmund Norman
Dixon, Percy Sidney, A.R.I.B.A.
Donaldson, Victor Cecil
Ellis, Owen William Beresford
Ellyatt, George Frederick
Emery, George Montagu
English, Harry Edwin
Featherstone, Frank Marshall
Field, Edwin
Fitness, John Francis
Fitzsimmons, Arthur
Foster, Walter Laurence
Fulcher, Christopher Turtill
Garrett, Arthur Berry
Gasson, Norman
Gay, Frank
George, Frederick Albert
Gibson, Edwin Salter
Gill, Francis Andrew
Gillett, Herbert Edward
Gleed, Herbert Alexander
Glenn, George Frederick
Gordon, Albert Leslie
Gowlland, Stephen Leversha
Greenway, Archie Ernest
Hagger, Guy Montague Wiles
Hamilton, John Paynter
Hardman, Edgar Austin
Harris, Wilfred Henry

CITY AND EASTERN LONDON BRANCH.—*Associates.*

Hawkins, William Joseph
Haynes, Herbert Cecil
**Hearn, George Leonard**
Hellicar, George Thomas
**Hickman, Henry Richard**
**Hill, William Archibald**
Hills, Walter Vaughan
Hipkin, John
Hobson, Frederick Vachell
Hosgood, Ralph Brian
**Hudson, Alan Albert**
James, Herbert Cecil
**Jamrach, Henry Charles**
Jarvis, Louis John Wallace
Jenkinson, Samuel Stewart
Jones, Arthur Bayly
**Jones, Mervyn Campbell**
**Keen, Arnold Grey**
Kemsley, Norman Bolton
**Kennard, Cecil**
**Kent, Stanley Henry Gladstone**
**King, Dudley Bertram**
King, William Isaac
Lamble, William Herbert
**Lawes, Edgar**
Leach, William Austin
**Lefeaux, Raymond Langham**
Leslie-Carter, William Cass
Lewis, Arthur Llewellyn
**Liell, Kingsley**
Ling, Richard Bertram, A.R.I.B.A.
**Lockhead, Arthur Sydney**
Long, Alfred Charles
**Malkinson, Bert William**
Mallett, Roy Terence
Marcus, William Mortimer
**Martin, Irene Tuberville (Miss)**
**Milton, Frederick**
Moore, John Alfred
Moore, Richard Charles
Morris, Alexander George
Morris, Ellis
Nicholson, Ebenezer Bernard
Noble, Walter Hubert
**Nunn, Cecil George**
Offlow, Arthur Rowland
Owen, Wilfrid Scotter
Page, Bernard Culmer
Palmer, Arthur
Panario, Francis Michael
**Parratt, Oswald Escott**
**Parrott, Hugh Francis Vivian**
**Pasterfield, Vere Clarence**
**Peay, Charles Howard**
Perkin, Daniel Ward
**Pinhorn, Alfred Charles**
**Pinnell, Henry James**
Pipe, Henry James
Robertson, Hubert Alexander
Rogers, James Walter
Roper, Edward Elliston
Roper, John William
**Sanders, Solomon**
**Savill, Alfred Cecil**
Scantlebury, Wm. Seth
**Scott, Leslie Thomas Bazell**
Seller, Frank Russell
**Shott, Cecil Douglas**
Slater, Geoffrey Brian
Smith, Alfred Ernest
**Sneath, Philip George**
**Southgate, Charles Crouch**
**Stanham, Alan Francis Gordon**
**Stanham, Hugh Gordon**
**Stiles, Arthur**
**Stockings, Arthur Perry, Major, C.B.E.**
Stone, George Sarbatt Noke
Symes, James Gordon
**Taylor, Frank Edward**
Thompson, Roland O'Brien
Thorpe, Arthur Ralph
Titchmarsh, Stanley Ray
**Tollett, George William**
**Tracy, Bernard David, A.R.I.B.A.**
Walter, Sydney James
**Watney, Henry Daniel Arthur**
Watney, Ronald Dendy
**Westmore, Alfred Frederick**
Wilson, John Hayes
**Winbourne, Goodman George, A.R.I.B.A.**
Wonnacott, Howard John
**Yates, Frederick George**
York, Robert John

ASSOCIATES.

Boyle, Sir Edward, Bart.
**Cardale, William Henry**
**Carr, Arthur Strettell Comyns, K.C.**
Courthope-Munroe, Sir Harry, K.C. M.A. (*Cantab.*)
**Creswell, William Thomas, Capt., Lic.R.I.B.A.**
**Crouch,** James Leonard
Hills, Eustace Gilbert, K.C.
Hudson, Alfred Arthur, K.C.
Jeeves, William John, K.C., C.B.E.
Macassey, Sir Lynden Livingstone, K.B.E., K.C.
Mead, Lawrence
Mould, Graham Harley
Turner, Sydney George, O.B.E.
Watson, William Ernest

CITY AND EASTERN LONDON BRANCH.—*Probationers—Students.*

PROBATIONERS.

Briselden, Frank George Ambrose
Burkmar, Glen
Cornish, Joseph William
Coster, Albert Ernest
Green, Arthur Ernest Hamilton
Griffett, William Arthur
Hadfield, Charles Norman
Heys, Arthur James Graham
Howell, John Gordon
Huckstep, George Ernest
Jackson, Roy Giffard
King, Charles Howard
Linay, Reginald Cooper
Nicolls, Jack Wilfrid
Nunn, Thomas Harry
Randall, Robert Henry Leslie
Roberts, John Malcolm
Slaughter, Stanley Harold George
Strachan, Herbert Edward
Symmons, Eric Thorne
Tickner, Walter Ernest
Triggs, Walter John
Trotman, Eric Cecil
Wainwright, Frank Langton
West, Alfred William
Wilford, Joseph Craven

STUDENTS.

Evans, Hugh
Samson, Cecil Leslie
Thompson, Alfred William
Walter, John Chevalier

# BRITISH DOMINIONS AND COLONIES AND FOREIGN COUNTRIES.

## AFRICA.

### EAST AFRICA.

KENYA COLONY.

FINTRI FURI.

*Professional Associate* :—
Owen, Ralph Eldon.

GILGIL.

*Colonial Fellow* :—
Gibson : Alan Keith.

KISUMU.

*Fellow* :—
Acton : William Birchall.

MOMBASA.

*Colonial Fellow* :—
McEwen : John Henry.

NAIROBI.

*Fellows* :—
Lynde : Walter Mighells.
Tyson : George Alfred.
Wevill : Alfred Edward.

*Professional Associates* :—
Colliver : Arthur Henry.
Crundall : William Henry.
Giles : Charles Malcolm.
Grogan : Harold Keith.

TANGANYIKA TERRITORY.

DAR-ES-SALAAM.

*Fellow* :—
Pashen : John Herbert.

*Professional Associates* :—
Hall : Cyril Albert.
Willis : Stanley Scott.

### EGYPT.

*Professional Associate* :—
Robertson : Lawrence George.

CAIRO.

*Fellow* :—
Farthing : William Walter.

*Professional Associate* :—
Farid, Aly.

GIZA.

*Fellow* :—
Sheppard : Vivian Lee Osborne.

*Colonial Fellow* :—
Phillips : Cuthbert Emrys Vaughan.

MANSURA.

*Professional Associate* :—
Wardill : Herbert Roy.

SOUDAN.

*Colonial Fellow* :—
Lowden : Andrew.

*Professional Associate* :—
Skutt : Rowland Colley.

### NYASALAND.

CHIKWAWA.

*Colonial Fellow* :—
Isaac : Gordon Leslie.

LIMBE.

*Professional Associates* :—
Brown : Francis Harold Pritchett.
Harwood : Walter.

ZOMBA.

*Colonial Fellow* :—
Wright : Francis Thomas.

### RHODESIA.

LIVINGSTONE.

*Colonial Fellows* :—
Ivey : Frederick Percival.
Tivy : Ryder Vaughan.

*Professional Associate* :—
Hartland : Kenneth Wright.

SALISBURY.

*Fellow* :—
Wise : Charles Dacres.

*Professional Associates* :—
Hotson : Andrew.
Wadman : Albert John.

*Probationer* :—
Bridle : Frederick Charles.

UMBALI.

*Colonial Fellow* :—
Dickson : Reginald Herbert Bruce.

### UGANDA.

UGANDA.

*Colonial Fellow* :—
Spencer : Albert Edward.

*Professional Associates* :—
Gee : Arthur Harold.
Hart : Arthur Reginald Glendower.

## COLONIES AND FOREIGN COUNTRIES—*continued.*

### UNION OF SOUTH AFRICA.

#### CAPE PROVINCE.

**CAPE TOWN.**

*Fellows* :—
Babbs : Arthur Thomas.
Labdon : Herbert George.
Quail : John.
White : Everard, Lt.-Col.

*Colonial Fellows* :—
Hustwick : Ernest.
Menmuir : Robert William.

*Professional Associate* :—
Bowman : John Leslie.

**EAST LONDON.**

*Professional Associate* :—
Sale : Arthur Reed.

**PORT ELIZABETH.**

*Professional Associate* :—
Darvill : Douglas Harry.

**SIMONSTOWN.**

*Fellow* :—
Hughes : George Major.

#### NATAL.

**DURBAN.**

*Colonial Fellow* :—
Thompson : William Glossop.

#### ORANGE FREE STATE.

**BLOEMFONTEIN.**

*Colonial Fellows* :—
Harrison : William.
Wallace : Herbert Alexander Craig.

*Professional Associate* :—
Usher : William Arthur.

#### RHODESIA.

*Professional Associate* :—
Allcock : Archibald Joseph.

#### TRANSVAAL.

**JOHANNESBURG.**

*Fellows* :—
Bell-John, Harry, Captain, M.C.
Farrow : E. Bertram.

*Professional Associates* :—
Hickman : Frank Davis.
Stucké : William Henry, A.R.I.B.A.

**PRETORIA.**

*Fellows* :—
Cowling : John William.
Moore : Thomas.
Turner : George Eli.

*Colonial Fellows* :—
Howgrave-Graham : George Ernest.
Pike : John Percy.
Puntis : Walter Ernest, Lt.-Col., O.B.E., V.D.
Warne : William Montague.

*Professional Associates* :—
Holt : Frank Bransbury.
Prentice : Robert Johnston Calder.

*Probationers* :—
Hustwick : Henry Abbott.
Selkirk : William.

### WEST COAST.

**ACCRA.**

*Colonial Fellow* :—
Riddett : Basil Perry.

*Professional Associate* :—
Grover : Luke Montague

**ASHANTI.**

*Colonial Fellow* :—
McAndrew : George Douglas, Major.

**CAPE COAST.**

*Colonial Fellow* :—
Parrott : Charles Clayton.

**COOMASSIE.**

*Professional Associate* :—
Holman : Frederick Cyril.

**CONGO.**

*Professional Associate* :—
Chesterman : Arnold de Merveilleux.

**GAMBIA, BATHURST.**

*Fellow* :—
Stone : Arnold.

*Colonial Fellow* :—
McTurk, William Henry.

**GOLD COAST.**

*Colonial Fellow* :—
Saward : Sidney Carman.

**TOGOLAND.**

*Colonial Fellow* :—
Renshaw, James C.

**LAGOS.**

*Fellow* :—
Webb : Reginald Acheson.

**NIGERIA.**

*Colonial Fellows* :—
Browne : Eustace Montagu.
Bunny : Joseph.
Morphy : Henry.

**NORTHERN NIGERIA.**

*Colonial Fellow* :—
Cousin : Robert.

**NORTHERN TERRITORIES.**

*Colonial Fellow* :—
Renshaw : James C.

**ODUMASE.**

*Professional Associate* :—
Warbrick : George Newton.

**SEKONDI.**

*Colonial Fellow* :—
Wilson : George Harold Sumner.

*Professional Associates* :—
Hyatt : Malcolm Portal.
Nash : Eugene Fleetwood.

**SIERRA LEONE.**

*Colonial Fellows* :—
Bradshaw : Arthur Stanley.
Lake : Wallace Strickland, A.M.I.C.E.
Price : Owen Gordon.
Scotland : Douglas William.
Temple : Richard, Jun.

*Professional Associates* :—
Stanley : George, A.M.I.C.E.
Tucker : Frederick George.

## COLONIES AND FOREIGN COUNTRIES—*continued.*

### AMERICA (CENTRAL).

#### WEST INDIES.

BAHAMAS.
*Colonial Fellow* :—
Miller : William.

GRENADA.
*Professional Associate* :—
Bertrand : Walter Randolph.

JAMAICA.
*Colonial Fellows* :—
Abrahams : Charles Victor.
Baker : William Anthony.
Bourke : Geffrard Wellesley.
Fletcher : Josiah Monk.
Foster : Edward.
Hood-Daniel : Herbert.
McGahan : Amos Harvey.
Pearson : Turner Langbridge.
Rickman : Ralph Etwall.
Terrier : Theodore Emile
Willoughby : Hugh Michael.
*Professional Associates* :—
Biscoe : Robert Stafford.
Bowker : Harold Walter.

MONTSERRAT.
*Colonial Fellow* :—
Otway : Rupert Coleridge.

PHILIPPINE ISLANDS.
*Colonial Fellow* :—
James : John Godfrey.

ST. KITTS NEVIS.
*Colonial Fellow* :—
Smith : James Landreth.

ST. LUCIA.
*Colonial Fellow* :—
McNamara : Rupert Augustus.

TRINIDAD.
*Fellow* :—
Brinsley : Herbert George William M.C.
*Colonial Fellow* :—
Macgillwray : John Walker.
*Professional Associates* :—
Amies : Herbert Christopher.
Livingston : William.
Prevatt : Francis Christophe.

### AMERICA (NORTH).

#### CANADA.

BRITISH COLUMBIA.
*Probationer* :—
Adams : James Whirter Renwick.

MANITOBA.
*Fellow* :—
Watts : Ernest William.

MONTREAL.
*Professional Associate* :—
Stark : James Tod.

ONTARIO.
*Professional Associates* :—
ApThomas : Robert Tibbot Kerris.
Skeffington : Thomas Ashford.

QUEBEC :—
*Colonial Fellow* :—
Mill : David William.

SASKATCHEWAN.
*Professional Associates* :—
Genders : Percy Robert.
Parker : Howard.

TORONTO.
*Professional Associate* :—
Falkner : John William.

#### UNITED STATES.

CALIFORNIA.
*Colonial Fellow* :—
Burchell, Sidney Herbert.
*Professional Associates* :—
Seale : Percy James.
Stephen : Duncan Joseph.

NEW YORK.
*Fellow* :—
Adams, Thomas.

SPRINGFIELD.
*Professional Associate* :—
Robinson, Benjamin Grant.

WASHINGTON.
*Professional Associate* :—
Geddes, Joseph William.

### AMERICA SOUTH).

#### ARGENTINE REPUBLIC.

BUENOS AIRES.
*Fellow* :—
Blencowe, Sydney, A.M.I.C.E.
*Professional Associates* :—
Crossley : Thomas Edgar.
Fitch : Philip.
Lorimer : Gordon.

CORDOBA.
*Professional Associate* :—
Sherwin : James Austin.

#### BRAZIL.

ESTADO DE SAN PAULO
*Professional Associate* :—
Steward : George Edward.

#### CHILI.

CORONEL.
*Colonial Fellow* :—
Blandford : Stanley Charles Hooper.

## COLONIES AND FOREIGN COUNTRIES—*continued.*

### ASIA.

ASSAM.

NAZIRA.

*Professional Associate* :—
Gardner : Osmond.

BURMA.

RANGOON.

*Fellow* :—
Bartlett : Reginald Douglas.

*Professional Associate* :—
Rennick : Charles Burridge.

SHWEBO.

*Colonial Fellow* :—
Nolan : Arthur Patrick.

CEYLON.

*Colonial Fellows* :—
Clark : Hudson Owen.
Mitchell : Kenneth William Sanderson.

*Professional Associate* :—
Longbottom, John Leonard.

BADULLA.

*Colonial Fellow* :—
May : Philip John.

CHILAW.

*Professional Associate* :—
Metcalfe : William.

COLOMBO.

*Fellow* :—
Woodcson : Austin, F.R.I.B.A.

*Colonial Fellows* :—
Blizard, James Mortimer.
Eastman : Edward George, Capt O.B.E.
Harrison : Hamilton Payn.

*Professional Associates* :—
Baker : Frank Leslie.
Davis : William Arthur.
Edwards, Sidney James.
Johnston : Robert James.
Loram : John Anning.
Orr : Charles Stewart.
Parham : Arthur Douglas, A.R.I.B.A.
Vince : Clement Harwood.
Westrop : Arthur Richard, Major, M.C.

GALLE.

*Professional Associate* :—
Nettelton : Oscar Traves.

KANDY.

*Professional Associate* :—
Manson : Edward Beresford.

CHINA.

HONG KONG

*Fellows* :—
Chapman : George James, Major, O.B.E.
Grey : George William.
Ling : Frederick James.
Tickle : Arthur George Warnham, F.R.I.B.A.
West : Harold.
Womack : Oswald Cedric.

*Colonial Fellows* :—
Kirk : Allan.
Sutton : Fred.
Wright : Arthur Edgar.

HONG KONG—*continued.*

*Professional Associates* :—
Cornell : William Arthur.
Lissaman : Arthur Evelyn.
Lowick : Henry Capell.
Newhouse : Edward.
Pendered : Thomas Dent Elliot.
Reed : Edward B.

SHANGHAI :

*Fellows* :—
Lofting : John Henry.
Peebles : Philip.
Sparke : Norman Lush.

*Colonial Fellows* :—
Keats : Walter Osborn.
Cruickshank : W. S.
Lewis : Hugh Francis.

*Professional Associates* :—
Halse : Sidney Joseph.
Sherwin : Samuel William.
Wheeler : Arthur Carruthers, Capt
Wilson : George Leopold.

EAST INDIES.

BORNEO.

SARAWAK.

*Colonial Fellow* :—
Ermen : Cuthbert Emil Albert.

SUMATRA.

*Professional Associate* :—
Macnamara : Cormac.

FEDERATED MALAY STATES.

PAHANG.

*Fellow* :—
Bedington : Guy Cyril.

PERAK.

*Colonial Fellow* :—
Edwardes : William Arnold Donaldson, Major, M.C.

*Professional Associate* :—
Slater : Arthur James.

SELANGOR.

KUALA LUMPUR.

*Fellow* :—
Walker : James William Boyd.

*Colonial Fellow* :—
Husband : Charles Thomas.

*Professional Associates* :—
Atkin-Berry : Herbert Courtnay
Stubington : Robert Alan.

KUALA SELANGOR.

*Colonial Fellow* :—
Percy : George Reginald, M.C., A.M.I.C.E.

STRAITS SETTLEMENTS.

MALACCA.

*Colonial Fellow* :—
Lermit : Arthur Alfred.

SINGAPORE

*Fellows* :—
Lermit : Alfred William.

*Colonial Fellows* :—
Bone, Chandos Eric.
Nicholas : Wilfred Dunstan.
Pennefather : John Pyne.

*Professional Associates* :—
Caseley : John Reginald.
Snell : Charles Frederick.

## COLONIAL AND FOREIGN COUNTRIES—*continued.*

### INDIA.

BOMBAY.

*Fellows* :—
Burge : James Thomas.
Burr : Thomas Arnold.
Delves : Robert Henry Addington.
Gilbert-Lodge : Edward Morton.
Grimwood : Herbert George.
Knight : Charles William, Capt. R.E.
Phibbs : Harry.

*Colonial Fellows* :—
Annett : Ernest Taylor.
Barker : Howard William.
Cooper : Joseph E. W.
Doctor, Kaikhusru Rustim
Fritchley, : Edward Wollaston.
Rowe : Gilbert Charles.
Taylor : Frederick Hale.

*Professional Associates* :—
Brimmell : William Langdon.
Ryan : Bernal John, Capt., M.C., O.B.E.

CALCUTTA.

*Fellow* :—
Hathaway : Percy William.

*Colonial Fellows* :—
Barber : Herbert Eustace.
Berry : William James, N.D.A.
Hingston : Cecil Victor.
Melvin : William George, M.I.C.E., M.I.M. & C.E.
Shrosbree : Albert de Bois.

*Professional Associates* :—
Thompson : Arnold John.
Westbrook : Bernard Anson.

*Probationer* :—
Gee : Edward Rowland.

DECCAN.

*Colonial Fellow* :—
Rao : Anantha Krishna.

DELHI.

*Colonial Fellow* :—
Blomfield : Charles Geoffrey.

*Professional Associate* :—
Allison : George Henry.

KAMPTEE.

*Professional Associate* :—
Colliver : Arthur Henry.

MADRAS.

*Colonial Fellow* :—
Barker : Howard William.

MUSSOORIE.

*Colonial Fellow* :—
Kenny : Patrick Arthur Theodore, O.B.E.

NAGPUR.

*Colonial Fellow* :—
Cuerden : Frederick James.

PARTABGARH.

*Professional Associate* :—
Sharma : Lakshmi Chand.

POONA.

*Fellows* :—
Mirams : Arthur Edward.
Stamper : Thomas Henry Gilborn.

ROORKEE.

*Colonial Fellow* :—
Gurney : James Stratton.

SAHARANPUR.

*Colonial Fellow* :—
Saise : Walter.

### MAURITIUS.

*Fellow* :—
Maunder : Henry Newman.

*Colonial Fellow* :—
Desbleds : Edouard Marc.

### PALESTINE.

JERUSALEM.

*Colonial Fellow* :—
Fortune : Sidney Herbert, Capt. R.E.

*Professional Associates* :—
Bennett : Maurice Christmas.
Lees : Henry Berry, M.C., M.I.C.E.

MESOPOTAMIA.

BAGHDAD.

*Colonial Fellow* :—
Royds : George Freeman.

*Professional Associate* :—
Mattick : Herbert.

BASRAH.

*Colonial Fellow* :—
Thorne : Harman.

*Professional Associate* :—
Hall : Ernest William.

### SIAM.

BANGKOK.

*Colonial Fellow* :—
Michell : John.

RAHENG.

*Colonial Fellow* :—
Gairdner : Kenneth Graeme.

## AUSTRALASIA.

### AUSTRALIA.

BRISBANE.

*Colonial Fellow* :—
Plant : Clifford Ernest.

*Professional Associate* :—
Spry . William Murray Straddar.

NEW SOUTH WALES.

*Professional Associate* :—
Yates : John.

PERTH.

*Professional Associate* :—
Box, Stephen Thomas.

SYDNEY.

*Fellow* :—
Weekes : Norman Barnett, A.R.I.B.A.

*Colonial Fellow* :—
Halloran : Henry Ferdinand.

*Professional Associate* :—
McCredie, Hugh.

## COLONIES AND FOREIGN COUNTRIES—*continued.*

NEW ZEALAND.

AUCKLAND.

*Colonial Fellow* :—
Booth : Ernest Witton.

DUNEDIN.

*Colonial Fellows* :—
George, Charles Edward
George : Christopher

GISBORNE.

*Colonial Fellow* :—
Mitchell : Herbert Arthur.

WELLINGTON.

*Professional Associate* :—
Astbury : Charles Norman.

TASMANIA.

BURNIE.

*Professional Associate* :—
McGaw : Andrew Kidd.

### EUROPE.

BELGIUM.

*Colonial Fellow* :—
Needham : Walter William.

*Professional Associate* :—
Macfarlane : Andrew.

CHANNEL ISLANDS.

*Professional Associate* :—
Collins : James Stanley.

DENMARK.

COPENHAGEN.

*Professional Associate* :—
Turner : Jocelin Maitland.

FRANCE.

*Fellow* :—
Morgans : Godfrey Ewart, Lt.-Col.

*Colonial Fellows* :—
Anderson : Henry, A.M.I.C.E.
Lavarack : Hamlett Unitt.

*Professional Associates* :—
Ball : Herbert Frederick.
Butler : Alfred George
Davis : Thos. Henry Clifford.
Doyle : Graham.
Isitt: Frederick Harvey.
Russell : Ernest, Captain.

GERMANY.

COLOGNE.

*Professional Associate* :—
Warren : John Watkin.

GIBRALTAR.

*Fellows* :—
Pearce : William Henry, A.M.I.C.E.

*Professional Associates* :—
Blyth : Harold King.
Foulds : Joseph.

LATVIA.

*Professional Associate* :—
Madge : Reginald John.

MALTA.

*Fellow* :—
Callow : George Daniel.

ROUMANIA.

*Professional Associate* :—
Young : William Raymund.

SPAIN.

SAN SEBASTIAN.

*Professional Associate* :—
Bryans : Maurice Edward.

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